Certification Report

Certified Reference Materials

BAM-S050
BAM-S051
BAM-S052

Fe^{2+} in Glass

February 2019

Coordinator: Dr. Sebastian Recknagel, Dr. Wolfram Bremser
Bundesanstalt für Materialforschung und -prüfung (BAM)
Division 1.6 „Inorganic Reference Materials“
Richard-Willstätter-Str. 11
12489 Berlin
Phone: +49/30/8104 1111
Fax.: +49/30/8104 71111
Email: sebastian.recknagel@bam.de

Summary

This report describes preparation, analysis and certification of the glass reference materials BAM-S050, BAM-S051 and BAM-S052.
The certified reference materials (CRM) are available in the form of slices (100 mm x 50 mm). The thickness is 3.2 mm for BAM-S050, 5.9 mm for BAM-S051 and 3.8 mm for BAM-S052. They are intended for establishing and checking the calibration of wet chemical and physical methods for the determination of Fe^{2+}, Fe^{3+} and total iron in glass.

The following mass fractions and uncertainties have been certified:

CRM	Parameter	Mass fraction [1] in %	Uncertainty [2] in %
BAM-S050	Fe(II)	0.0026	0.0004
BAM-S050	Fe(total)	0.0084	0.0012
BAM-S051	Fe(II)	0.0155	0.0013
BAM-S051	Fe(total)	0.0481	0.0017
BAM-S052	Fe(II)	0.160	0.005
BAM-S052	Fe(total)	0.597	0.011

The certified values are based on the results of 14 laboratories which participated in the certification interlaboratory comparison. The mass fraction of Fe^{3+} was calculated as the difference between total iron and Fe^{2+}. This value is given for information only.

Content

List of abbreviations
(if not explained elsewhere)

CRM	certified reference material
ICP-OES	inductively coupled plasma optical emission spectrometry
XRF	X-ray fluorescence spectrometry
XANES	X-ray absorption near edge structure
M	mean value
n	number of accepted data sets
s	standard deviation of an individual data set
s_M	standard deviation of laboratory means
s_{rel}	relative standard deviation
$\bar{s}_i$	square root of mean of variances of data sets under repeatability conditions
M_i	single result

1. Introduction

Iron is usually transferred to colourless glass as an impurity mainly from raw materials. It exists in glass in two ionic forms. Ferric iron (Fe^{3+}) imparts a yellowish green colour to glass while ferrous iron (Fe^{2+}) imparts a greenish blue. The equilibrium between them depends on several factors such as melting temperature, residence time, glass composition, total iron concentration, furnace atmosphere and the presence of reducing or oxidising agents in the batch. Hence, the Fe^{2+}-Fe^{3+} couple is a good indicator of the redox state of glass and is responsive to redox conditions. Knowledge of the iron species present is important to keep the manufacturing process under control [1].

The Fe^{2+}-content is normally determined using direct photometry on solid glass. The three CRMs BAM-S050, BAM-S051 and BAM-S052 are intended to calibrate and check the direct photometric determination.

Certification of the three reference materials was carried out on the basis of ISO 17034 [2] and the relevant ISO-Guides [3,4].

2. Companies/laboratories involved

Manufacturing of the material

– St. Gobain R+D Centre, Herzogenrath, Germany

Test for homogeneity

– St. Gobain R+D Centre, Herzogenrath, Germany

Participants in the certification inter-laboratory comparison

– Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin, Germany
– Cetim Grand Est, Schiltigheim, France
– Dorfner Anzaplan GmbH, Hirschau, Germany
– Fraunhofer-Institut für Silicatforschung, Würzburg, Germany
– IGR Institut für Glas- und Rohstofftechnologie GmbH, Göttingen, Germany
– NSG, Lathom, United Kingdom
– RISE – Section for Glass", Växjö, Sweden
– Schott AG., Mainz, Germany
– St. Gobain Recherche, Aubervilliers, France
– St. Gobain R+D Centre, Herzogenrath, Germany
– T. Şişe ve Cam Fab. A.Ş. Science and Technology Center, Gebze Kocaeli, Turkey
– TU Bergakademie Freiberg, Institut für Keramik, Glas- und Baustofftechnik, Freiberg, Germany
– Zentrum für Glas- und Umweltanalytik GmbH, Ilmenau, Germany

Statistical evaluation of the data

– Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin, Germany

Determination of absorption and optical density

– RISE Research Institutes of Sweden AB, Växjö, Sweden
– TU Bergakademie Freiberg, Institut für Keramik, Glas- und Baustofftechnik, Freiberg, Germany

3. Candidate material

The candidate material foreseen for the three CRMs BAM-S050, BAM-S051 and BAM-S052 was produced by St. Gobain R+D Centre, Herzogenrath. For each of the three candidate materials a slice of about 3 x 5 m was taken from the normal production. About 16 slices (0.8 x 1 m) were cut from these slices. Each 0.8 x 1 m segment was then cut into 80 x 10 cm pieces. These pieces were again cut into 10 x 10 cm pieces. Finally, these 10 x 10 cm pieces were cut into small slices with the dimensions 100 mm x 50 mm.
The thickness is 3.15 mm for BAM-S050, 5.87 mm for BAM-S051 and 3.80 mm for BAM-S052. In total ca. 1000 small slices of each future CRM were produced and individually marked. All individual slices were tested for transmission, thickness and FeO-content before delivery to BAM.

Fig. 1: Production of sample slices

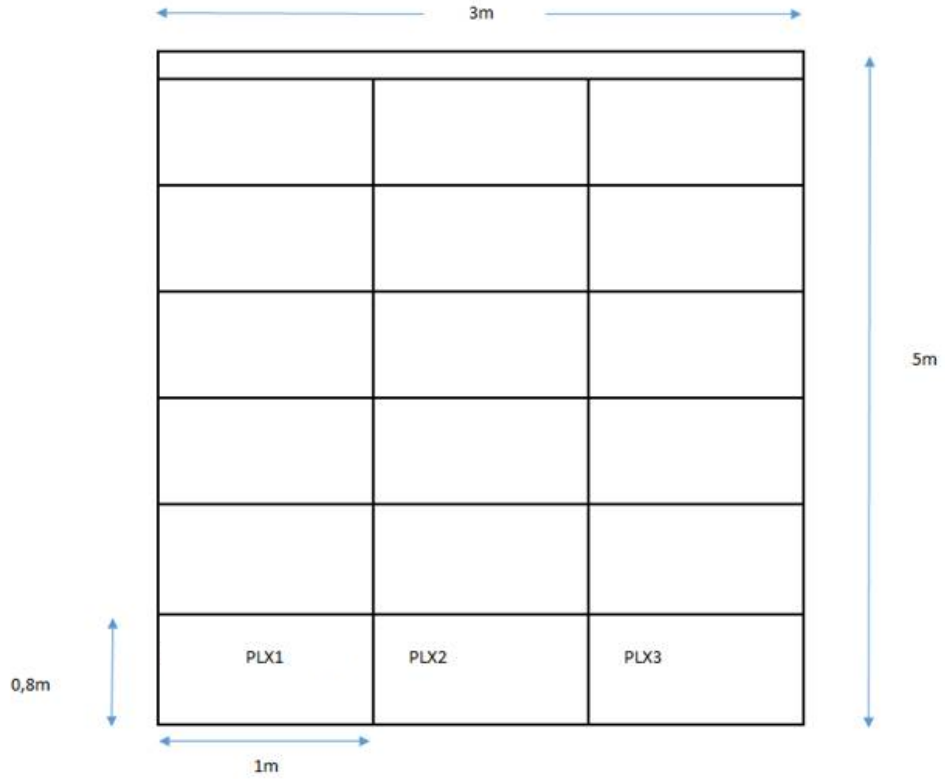


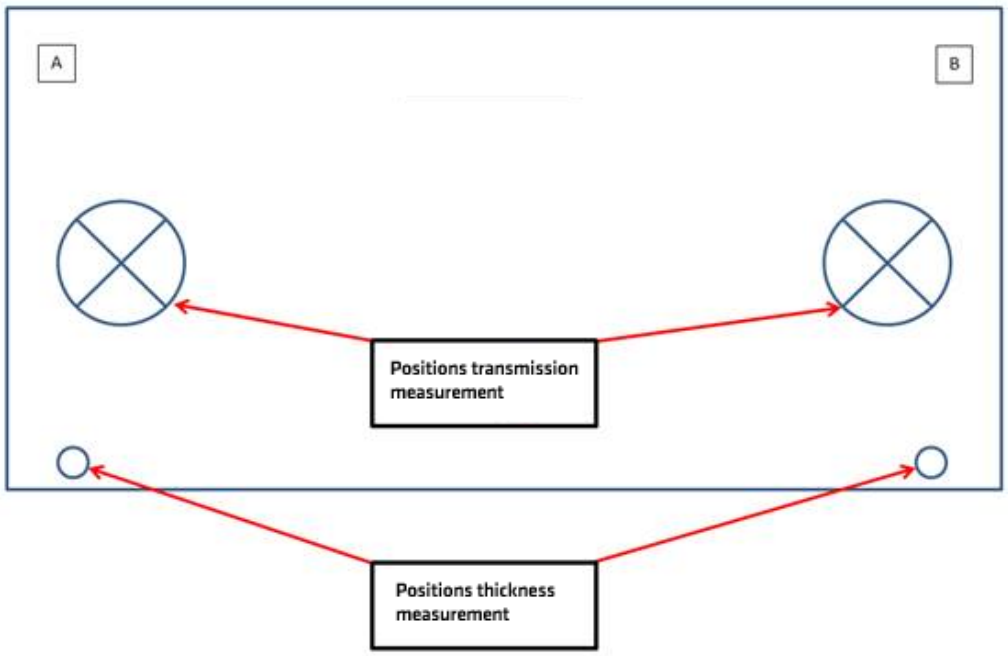
Table 1: Approximate composition of BAM-S050 (DiaS), BAM-S051 (PLX), BAM-S052 (HRZ), based on ICP-OES analysis in one laboratory (mass fraction in %)

	DiaS (BAM-S050)	PLX (BAM-S051)	HRZ (BAM-S052)
Al_2O_3	0.56	0.53	0.56
CaO	9.4	9.4	8.8
MgO	3.9	3.2	3.5
SrO	0.0033	0.011	0.0067
Na_2O	13.6	13.4	13.7
K_2O	0.013	0.008	0.006
Li_2O	0.001	0.001	0.001
BaO	0.0013	0.008	0.006
TiO_2	0.014	0.03	0.051
Mn_2O_3	0.001	0.007	0.025
ZrO_2	0.01	0.01	0.01
SO_3	0.27	0.30	0.21

4. Homogeneity testing

Each single slice of all three batches was tested twice for homogeneity. This was done by the producer of the candidate materials, St. Gobain R+D Centre, Herzogenrath. The photometric measurements were performed on two different positions on each of the slices, each with a diameter of < 15 mm (see Fig. 2).

Fig. 2: Measurement positions for transmission and thickness determination



The results of the measurements are given in Annex 1 – 3. A few slices were found to be different from the others, these slices were removed (marked yellow).

The measurement data was statistically evaluated (one-way ANOVAs for both within and between inhomogeneity) to calculate uncertainty contributions within slices ($u_{bb}(1)$) and between slices ($u_{bb}(2)$). Table 9 shows the results of the uncertainty determinations.

5. Characterisation study

5.1 Analytical methods

14 laboratories participated in the certification inter-laboratory comparison. For some elements part of the laboratories used more than one analytical method reporting more than one data set.
The laboratories were asked to analyse six subsamples (three on each of two glass slides). They were free to choose any suitable analytical method for their determinations. Table 2 shows the analytical methods used by the participating laboratories.
For all analytical methods where a calibration was necessary this was performed using liquid standard solutions. All participating laboratories were asked to use only standard solutions prepared from pure metals or stoichiometric compounds or well checked commercial calibration solutions.

Table 2: Analytical procedures used by the participating laboratories [5-7]

Lab-No.	Element/Species	Sample mass	Analytical method
1	Fe^{2+}	0.8 g	According to DIN EN ISO 14719:2012 without cover-gas
	Fe (tot)	1 g	According to DIN 51086-2 (ICP-OES), calibration with monoelement solution (Merck) wie gelöst?
2	Fe^{2+}	0.5 g (S050/S051) 0.35 g (S052)	According to DIN EN ISO 14719:2012 with cover-gas (Method A)
	Fe (tot)	1 g	According to BS 2649-2:1957 (dissolution in HF-HNO_3-H_2SO_4-HCl; Spectrophotometry), calibration with two different commercial monoelement solutions
3	Fe^{2+}	0.5 g (S050/S051) 0.2 g (S052)	According to "Determination of ferrous iron and total iron in glass by a colorimetric method" Glass Technol. 1999,40 (1),24-8" (dissolution in HF/ H_2SO_4 and H_3BO_3 with cover gas; Spectrophotometry)
	Fe (tot)	0.5 g (S050/S051) 0.2 g (S052)	According to "Determination of ferrous iron and total iron in glass by a colorimetric method" Glass Technol. 1999,40 (1),24-8" (dissolution in HF/ H_2SO_4 and H_3BO_3 with cover gas; Spectrophotometry)
4	Fe^{2+}	0.3 g (S050/S051) 0.25 g (S052)	Dissolution with HF/H_2SO_4 under N_2 atmosphere, spectrophotometry with 1-10 phenanthroline
	Fe (tot)		XRF on solid sample, calibration with NIST SRM 1831
5	Fe^{2+}	S050: 0.5 g S051: 3x 0.5 g, 3x 0.1 g S052: 0.1 g	DIN EN ISO 14719:2012 (Method A)
	Fe (tot)	0.1 g	DIN 51086-2:2004-06 (Dissolution with HF/HNO_3)
6	Fe^{2+}	0.5 g	Dissolution with HF/H_2SO_4 under N_2 atmosphere, spectrophotometry with 1-10 phenanthroline (510 nm)
	Fe (tot)	0.5 g	Dissolution with HF/H_2SO_4 under N_2 atmosphere, spectrophotometry with 1-10 phenanthroline after reduction with ascorbic acid (510 nm)
7	Fe^{2+}	0.5 - 1 g	DIN EN ISO 14719:2012 (Method A)
	Fe^{2+}	0.5 - 1 g	Titration with Cerium, ortho-phenanthroline
	Fe (tot)	0.1 g	Dissolution with HNO_3/HF, ICP-OES
	Fe (tot)	1.4 g	XRF after melting with $Li_2B_4O_7$
8	Fe^{2+}	0.5 g	According to DIN EN ISO 14719:2012 with cover-gas (Method A)
	Fe (tot)	0.5 g	According to DIN EN ISO 14719:2012 with cover-gas (Method A)
9	Fe^{2+}		XANES
10	Fe^{2+}	0.5 g (050, 051) 0.25 g (052)	According to DIN EN ISO 14719:2012 with cover-gas (Method A)
	Fe (tot)		XRF according to DIN 51001:2003
11	Fe^{2+}	1 g (050) 0.5 g (051, 052)	According to DIN EN ISO 14719:2012 with cover-gas (Method A)
	Fe (tot)	1 g (050) 0.5 g (051, 052)	ICP-OES after dissolution with HF/HNO_3
12	Fe (tot)	0.65 g (050) 0.5 g (051) 0.3 g (052)	According to DIN EN ISO 14719:2012 with cover-gas (Method A)
13	Fe^{2+}		Direct measurement of transmission at 1000 nm, calculation of Fe(II)-content)
	Fe (tot)		XRF, Calibration with homemade standards, check with CRMs (DGG-1, DGG-2, BAM-S005, BCR-664)

Table 2 (cont.): Analytical procedures used by the participating laboratories [5-7]

Lab-No.	Element/Species	Sample mass	Analytical method
14	Fe^{2+}	5 g (050, 051) 0.5 g (052)	HF/H_2SO_4 decomposition under inert atmosphere, HF neutralization by H_3BO_3, volumetric determination by $Ce(SO_4)_2$ with ferroin as redox indicator
	Fe (tot)		XRF, Calibration with homemade standards and commercial standards

5.2 Analytical results and statistical evaluation

The analytical results of the certification inter-laboratory comparison are listed in Tables 3 to 8. These tables show the single results (M_i) of each laboratory, the respective laboratories' mean values (M), absolute and relative intra-laboratory standard deviation (s and s_{rel}, respectively), the standard deviation of laboratory means (s_M), and in addition the square root of mean of variances of data sets under repeatability conditions ($\bar{s}_i$), where n is the number of accepted data sets. The continuous line marks the certified value (mean of the laboratories' means), the broken lines mark the standard deviation, calculated from the laboratories' means.
In the related figures for each laboratory its mean value and single standard deviation is given. Outliers which have been excluded are highlighted in yellow.

Table 3a: Results for Fe(II) in BAM-S050

Lab./Meth.	6	7/1	1	9	8	13	14	10	2	4	3	11	5		
M_i [%]	0.0015	0.0018	0.0023		0.0024	0.0024	0.0025	0.0021	0.0030	0.0033	0.0032	0.0034	0.0070		*n*
	0.0013	0.0016	0.0023		0.0024	0.0023	0.0026	0.0019	0.0027	0.0030	0.0035	0.0034	0.0056		9
	0.0012	0.0015	0.0018		0.0023	0.0023	0.0023	0.0021	0.0027	0.0032	0.0035	0.0033	0.0056		
			0.0022		0.0024	0.0024	0.0026	0.0032	0.0028	0.0028	0.0034	0.0051	0.0056		
			0.0024		0.0024	0.0024		0.0033	0.0029	0.0031	0.0030	0.0048	0.0077		
			0.0017		0.0023	0.0023		0.0026	0.0026	0.0027	0.0032	0.0046	0.0035		
						0.0025									
						0.0025									
						0.0023									
M **[%]**	**0.0013**	**0.0016**	**0.0021**	**0.0023**	**0.0024**	**0.0024**	**0.0025**	**0.0025**	**0.0028**	**0.0030**	**0.0033**	**0.0041**	**0.0058**		**0.0026**
s [%]	0.0002	0.0001	0.0003		0.0000	0.0001	0.0001	0.0006	0.0001	0.0002	0.0002	0.0008	0.0014	s_M [%]	0.00038
														$\bar{s}_i$ [%]	0.00026
s_{rel}	0.115	0.088	0.134		0.019	0.035	0.057	0.238	0.051	0.077	0.061	0.200	0.248		0.145

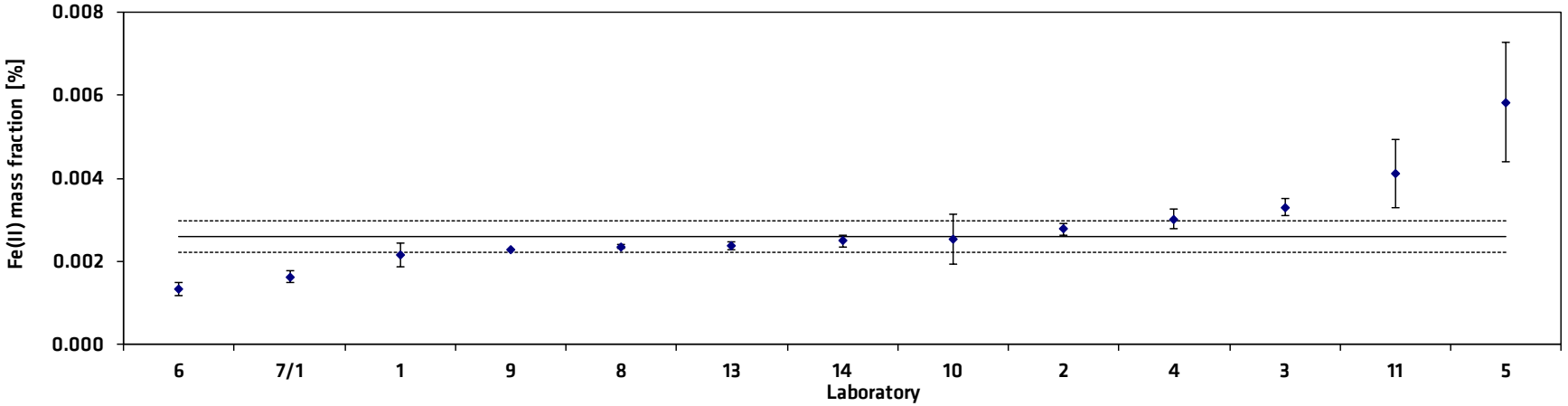


Table 3b: Results for Fe(II) in BAM-S050 after exclusion of outlying values

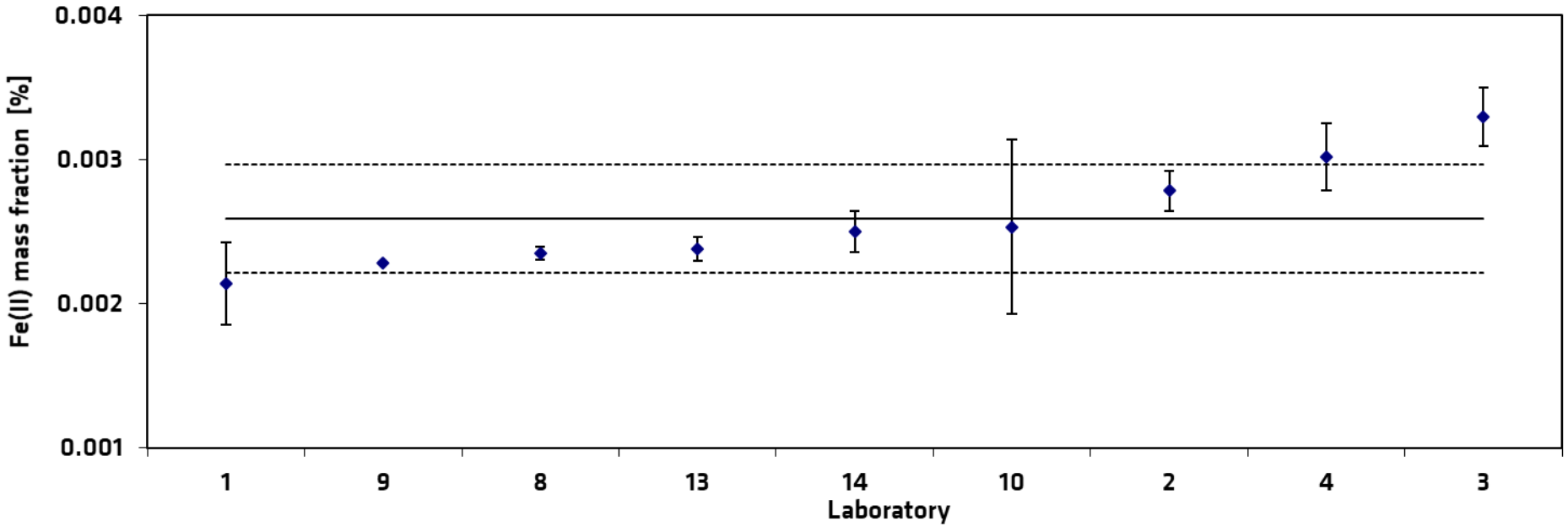


Table 4: Results for Fe(total) in BAM-S050

Lab./Meth.	1	13	6	14	4	7/RFA	2	10	12	7/I	11	3	8	5		
M_i [%]	0.0069	0.0067	0.0065	0.0079	0.0080	0.0081	0.0082	0.0084	0.0099	0.0091	0.0096	0.0105	0.0106	0.0248		*n*
	0.0069	0.0067	0.0073	0.0080		0.0085	0.0080	0.0084	0.0094	0.0092	0.0096	0.0096	0.0104	0.0215		13
	0.0049	0.0068	0.0072	0.0080		0.0099	0.0080		0.0093	0.0105	0.0096	0.0114	0.0106	0.0246		
	0.0069	0.0067		0.0081	0.0080	0.0082	0.0083		0.0088	0.0090	0.0088	0.0113	0.0108	0.0186		
	0.0069	0.0066		0.0076		0.0071	0.0087		0.0101	0.0094	0.0098	0.0093	0.0109	0.0148		
	0.0049	0.0067		0.0079		0.0069	0.0083		0.0085	0.0091	0.0098	0.0095	0.0102	0.0159		
		0.0066														
		0.0067														
		0.0067														
M **[%]**	**0.0062**	**0.0067**	**0.0070**	**0.0079**	**0.0080**	**0.0081**	**0.0083**	**0.0084**	**0.0093**	**0.0094**	**0.0095**	**0.0103**	**0.0106**	**0.0200**		**0.0084**
s [%]	0.0010	0.0001	0.0004	0.0002	0.0000	0.0011	0.0003	0.0000	0.0006	0.0006	0.0004	0.0009	0.0003	0.0043	s_M [%]	0.00134
															$\bar{s}_i$ [%]	0.00058
s_{rel}	0.16569	0.00898	0.06227	0.02137	0.00000	0.13325	0.03137	0.00000	0.06593	0.06004	0.03906	0.09109	0.02421	0.21467		0.15833

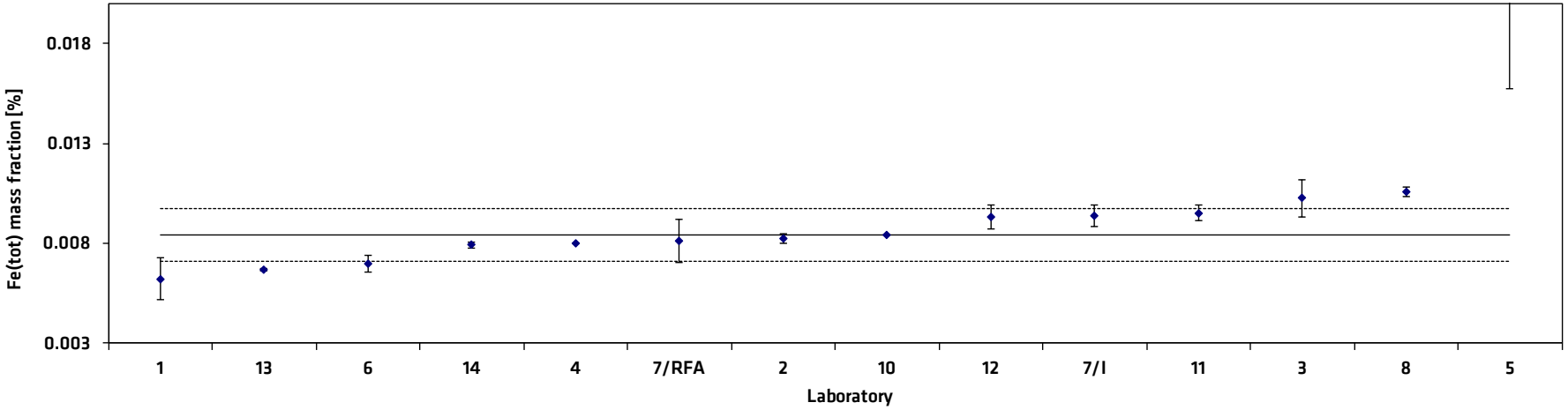


Table 5: Results for Fe(II) in BAM-S051

Lab./Meth.	7/1	7/2	9	8	10	11	14	2	4	13	6	1	5	3		
M_i [%]	0.0100	0.0122	0.0144	0.0139	0.0133	0.0153	0.0152	0.0160	0.0153	0.0156	0.0160	0.0169	0.0203	0.0198		*n*
	0.0096	0.0116	0.0136	0.0139	0.0141	0.0113	0.0151	0.0153	0.0159	0.0156	0.0163	0.0161	0.0203	0.0192		13
	0.0093		0.0116	0.0140	0.0138	0.0153	0.0152	0.0156	0.0156	0.0156	0.0162	0.0155	0.0189	0.0192		
				0.0138	0.0143	0.0150	0.0154	0.0146	0.0153	0.0156		0.0164	0.0238	0.0197		
				0.0139	0.0143	0.0150		0.0156	0.0160	0.0156		0.0170	0.0175	0.0197		
				0.0138	0.0150	0.0150		0.0160	0.0156	0.0156		0.0154	0.0161	0.0195		
										0.0158						
										0.0158						
										0.0158						
M **[%]**	**0.0096**	**0.0119**	**0.0132**	**0.0139**	**0.0141**	**0.0145**	**0.0152**	**0.0155**	**0.0156**	**0.0157**	**0.0162**	**0.0162**	**0.0195**	**0.0195**		**0.0155**
s [%]	0.0004	0.0004	0.0014	0.0001	0.0006	0.0016	0.0001	0.0005	0.0003	0.0001	0.0002	0.0007	0.0027	0.0003	s_M [%]	0.00217
															$\bar{s}_i$ [%]	0.00100
s_{rel}	0.03932	0.03297	0.10926	0.00440	0.04019	0.10815	0.00826	0.03371	0.01874	0.00638	0.00945	0.04199	0.13712	0.01352		0.14060

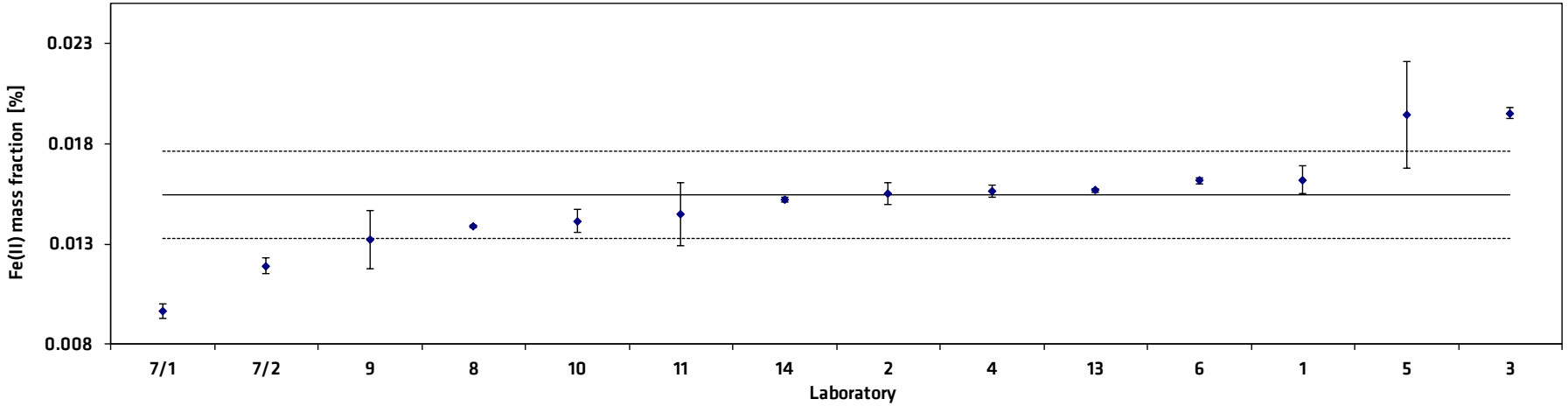


Table 6: Results for Fe(total) in BAM-S051

Lab./Meth.	1	6	8	13	12	4	10	2	14	7/I	7/RFA	5	11	3		
M_i [%]	0.0455	0.0456	0.0460	0.0470	0.0486	0.0480	0.0483	0.0488	0.0481	0.0491	0.0511	0.0508	0.0527	0.0697		*n*
	0.0455	0.0455	0.0470	0.0470	0.0484		0.0483	0.0484	0.0487	0.0498	0.0523	0.0509	0.0502	0.0692		12
	0.0434	0.0460	0.0460	0.0468	0.0479			0.0488	0.0477	0.0486	0.0504	0.0522	0.0576	0.0670		
	0.0455		0.0480	0.0472	0.0478	0.0480		0.0488	0.0491	0.0484	0.0492	0.0536	0.0576	0.0666		
	0.0455		0.0460	0.0469	0.0475			0.0484	0.0486	0.0471	0.0485	0.0552	0.0600	0.0682		
	0.0434		0.0460	0.0470	0.0475			0.0478	0.0489	0.0486	0.0493	0.0548	0.0626	0.0679		
				0.0467												
				0.0467												
				0.0469												
***M* [%]**	**0.0448**	**0.0457**	**0.0465**	**0.0469**	**0.0480**	**0.0480**	**0.0483**	**0.0485**	**0.0485**	**0.0486**	**0.0501**	**0.0529**	**0.0568**	**0.0681**		**0.0481**
s [%]	0.0011	0.0003	0.0008	0.0002	0.0005	0.0000	0.0000	0.0004	0.0005	0.0009	0.0014	0.0019	0.0046	0.0012	s_M [%]	0.00211
															$\bar{s}_i$ [%]	0.00087
s_{rel}	0.02421	0.00579	0.01799	0.00344	0.00958	0.00000	0.00000	0.00814	0.01090	0.01807	0.02811	0.03591	0.08091	0.01772		0.04385

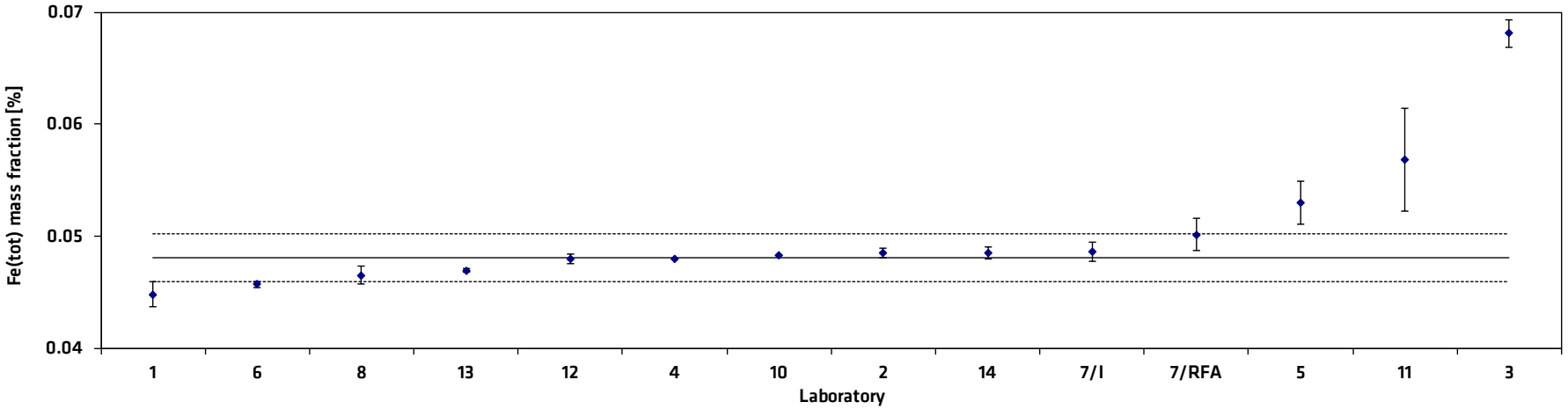


Table 7: Results for Fe(II) in BAM-S052

Lab./Meth.	7/1	11	8	5	10	2	4	6	1	14	13	7/2	3	9		
M_i [%]	0.0833	0.1109	0.1500	0.1602	0.1525	0.1577	0.1635	0.1629	0.1658	0.1610	0.1680	0.1661	0.1969	0.2550		*n*
	0.0831	0.1109	0.1450	0.1357	0.1448	0.1589	0.1648	0.1630	0.1582	0.1630	0.1684	0.1698	0.1949	0.2450		10
	0.0821	0.1333	0.1480	0.1518	0.1647	0.1650	0.1599	0.1639	0.1673	0.1650	0.1681	0.1688	0.1987	0.2510		
		0.1331	0.1503	0.1525	0.1505	0.1590	0.1601		0.1658	0.1670	0.1682		0.1984			
		0.1582	0.1520	0.1546	0.1512	0.1572	0.1654		0.1641		0.1678		0.1992			
		0.1206	0.1550	0.1490	0.1569	0.1571	0.1646		0.1600		0.1678		0.1998			
											0.1683					
											0.1677					
											0.1681					
M **[%]**	**0.0829**	**0.1278**	**0.1501**	**0.1506**	**0.1534**	**0.1592**	**0.1631**	**0.1633**	**0.1635**	**0.1640**	**0.1680**	**0.1683**	**0.1980**	**0.2503**		**0.1603**
s [%]	0.0006	0.0179	0.0034	0.0082	0.0068	0.0030	0.0024	0.0006	0.0036	0.0026	0.0002	0.0019	0.0018	0.0050	s_M [%]	0.0068
															$\bar{s}_i$ [%]	0.00404
s_{rel}	0.00769	0.14018	0.02271	0.05453	0.04401	0.01873	0.01498	0.00337	0.02210	0.01574	0.00143	0.01134	0.00908	0.02011		0.04216

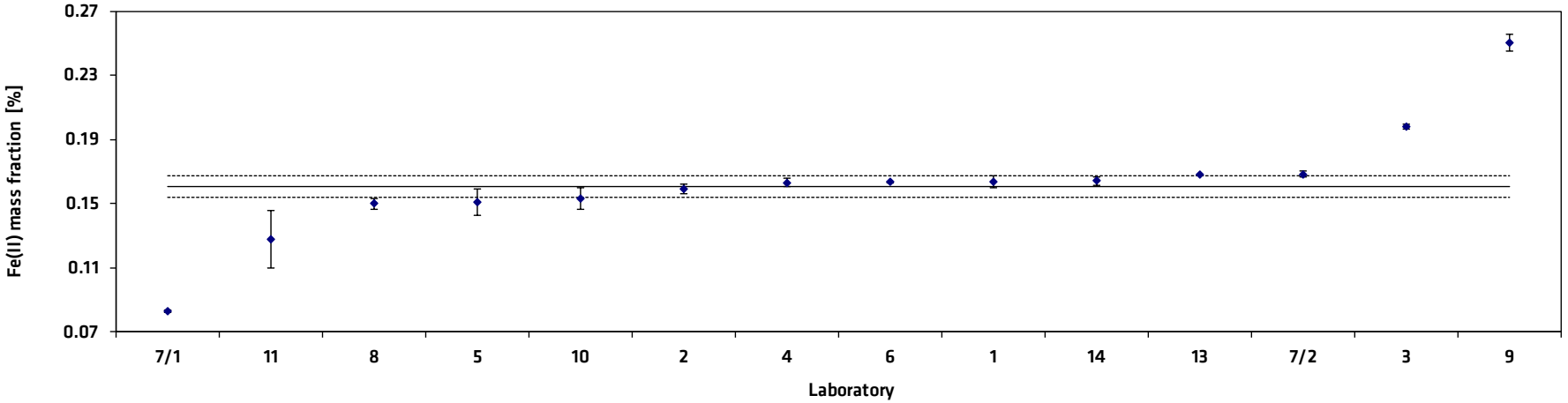
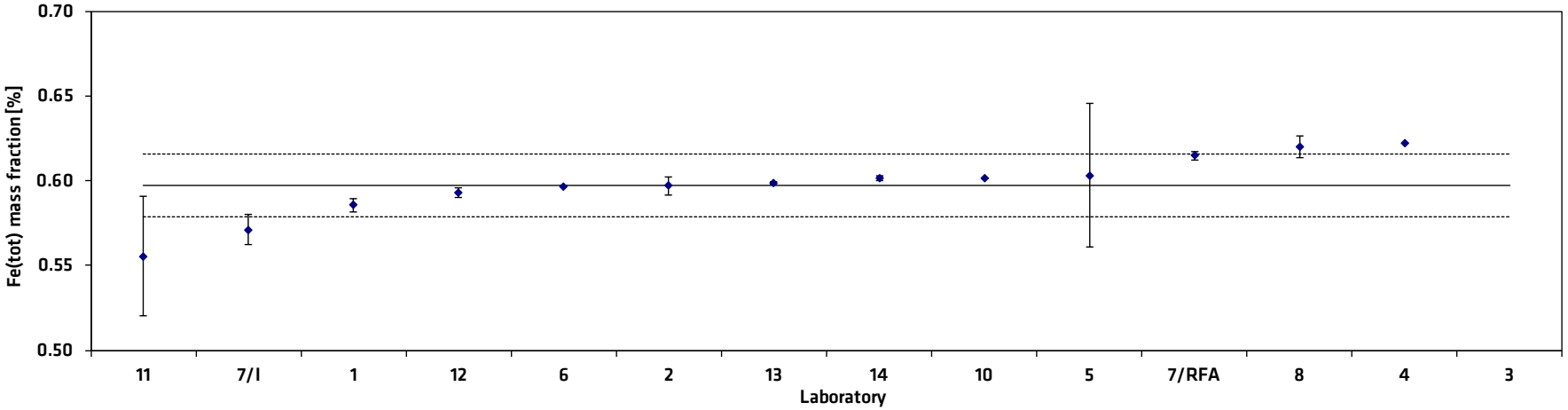


Table 8 Results for Fe(total) in BAM-S052

Lab./Meth.	11	7/I	1	12	6	2	13	14	10	5	7/RFA	8	4	3		
M_i [%]	0.5222	0.5596	0.5819	0.5940	0.5963	0.5870	0.5987	0.6005	0.6015	0.6169	0.6172	0.6200	0.6220	0.8653		*n*
	0.5837	0.5656	0.5882	0.5929	0.5969	0.5990	0.5987	0.5993	0.6015	0.6491	0.6180	0.6200		0.8647		13
	0.6083	0.5687	0.5910	0.5920	0.5967	0.5990	0.5987	0.6006		0.5812	0.6151	0.6100		0.8625		
	0.5603	0.5855	0.5819	0.5937		0.5960	0.5973	0.6024		0.6330	0.6120	0.6300	0.6220	0.8678		
	0.5351	0.5773	0.5882	0.5963		0.5990	0.5980	0.6030		0.5302	0.6131	0.6200		0.8765		
	0.5226	0.5702	0.5819	0.5881		0.6020	0.5987	0.6016		0.6085	0.6126	0.6200		0.8769		
							0.5987									
							0.5987									
							0.5994									
***M* [%]**	**0.5554**	**0.5711**	**0.5855**	**0.5928**	**0.5966**	**0.5970**	**0.5985**	**0.6012**	**0.6015**	**0.6031**	**0.6147**	**0.6200**	**0.6220**	**0.8690**		**0.5969**
s [%]	0.0353	0.0091	0.0041	0.0027	0.0003	0.0053	0.0006	0.0014	0.0000	0.0425	0.0025	0.0063	0.0000	0.0062	s_M [%]	0.0185
															$\bar{s}_i$ [%]	0.01576
s_{rel}	0.06347	0.01594	0.00699	0.00460	0.00051	0.00880	0.00097	0.00230	0.00000	0.07043	0.00409	0.01020	0.00000	0.00718		0.03096



The obtained data was evaluated statistically. Some of the datasets were removed on technical or statistical reasons. The certified values are calculated as mean values of the laboratories' means.

The resp. combined uncertainties were calculated from the spread resulting from the certification inter-laboratory comparison (u_{ilc}) and the uncertainty contributions from possible inhomogeneity of the material (between and within discs) using Equation 3.

$$u_{combined} = \sqrt{u_{ilc}^2 + u_{bb}^2(1) + u_{bb}^2(2)} \qquad (3)$$

with

$u_{ilc} = \sqrt{\frac{s_M^2}{n}}$: uncertainty contribution resulting from inter-laboratory comparison

n : number of data sets used for calculating the certified mass fraction of each element

Table 9: Uncertainty calculation

				uncertainty contribution from							
		M	n	s_M	$u_{bb}(1)$	$u_{bb}(2)$	u(comb)	U	u (rel)	u_{bb}(1, rel)	u_{bb}(2, rel)
		%		%	%	%	%	%			
Fe(II)	S052	0.1603	10	0.0068	0.00011	0.00012	0.00216	0.00431	2.6901	0.0664	0.0729
	S051	0.0155	13	0.0022	0.00009	0.00016	0.00063	0.00126	8.1132	0.5701	1.0266
	S050	0.0026	9	0.00038	0.00012	0.00009	0.00019	0.00039	14.8451	4.4433	3.4084
					U(hom)						
Fe(ges)	S052	0.5969	13	0.0185	0.00059		0.0052	0.01033	0.0986		
	S051	0.0481	12	0.0021	0.00056		0.0008	0.00166	1.1743		
	S050	0.0084	13	0.0013	0.00047		0.0006	0.00120	5.6000		
Fe(III)	S052						0.00560	0.01119			
	S051						0.00104	0.00208			
	S050						0.00063	0.00126			

The expanded uncertainties U are calculated by multiplication of $u_{combined}$ with a coverage factor of k = 2 using Equation 4.

$$U = k \cdot u_{\text{combined}} \qquad (4)$$

The calculated mass fractions and their resp. expanded uncertainties are given on Page 3 of this report. Rounding was done according to DIN 1333 [8].

6. Measurement of transmission/optical density

One laboratory measured the transmission of the three glasses in the wavelength range of 300 nm to 3200 nm (see Fig. 1).

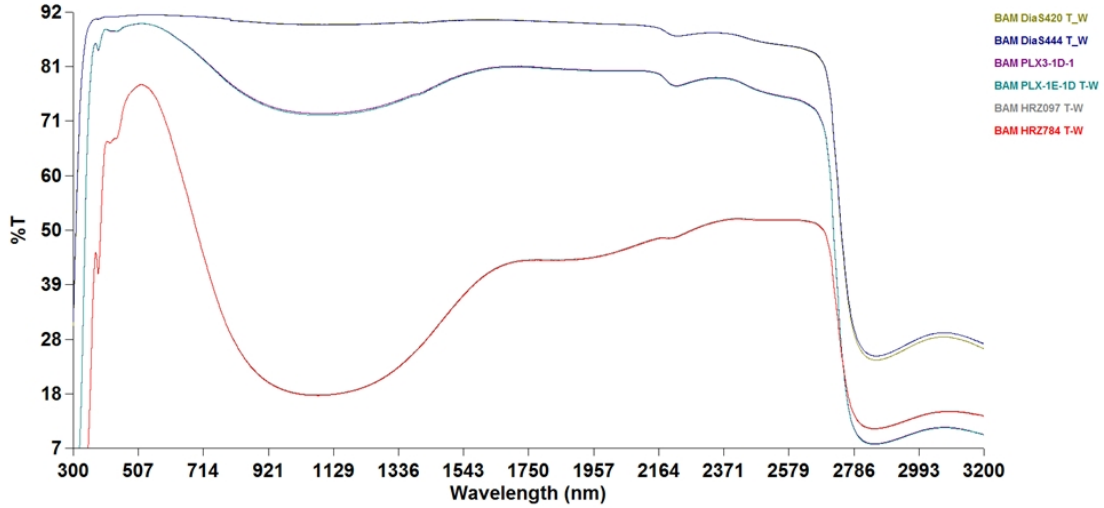


Fig. 1: Transmission of BAM-S050 (BAM DiaS420, BAM DiaS444), BAM-S051 (BAM PLX3, BAM PLX) and BAM-S052 (BAM HRZ097, BAM HRZ784)

Another laboratory determined the absorption in the wavelength range of 300 nm to 1100 nm. The surfaces were cleaned with ethanol before transmission measurements were performed. Samples were placed directly in the spectrometer (Perkin Elmer, Lambda 25) and the light absorbance were measured in the spectral region between 350 and 1100 nm (Figures 2-4). Measurements were done against air in the reference compartment. No correction for reflection losses was done during measurements. Instead, a reference wavelength was subtracted from the peak value. For ferrous iron the broad peak at 1060 nm was used for evaluation. A reference wavelength was chosen at 510 nm as this was a minimum in the spectra.

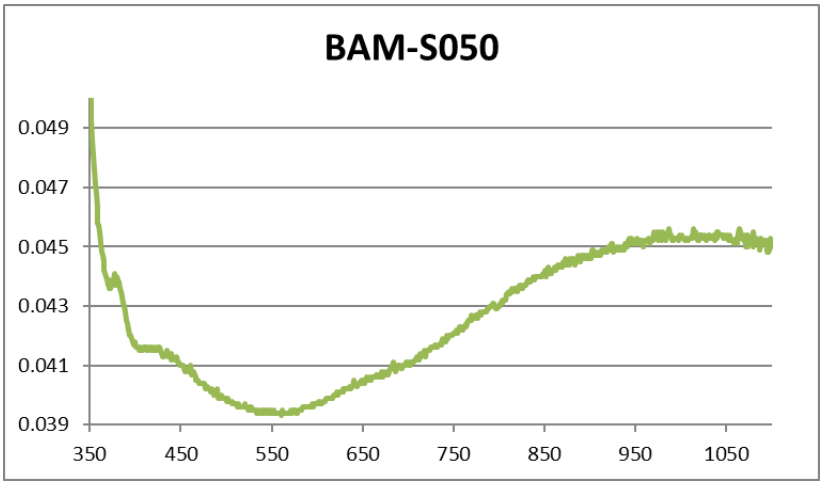


Fig. 2: Absorption spectrum of BAM-S050 (wavelength range: 300 – 1100 nm)

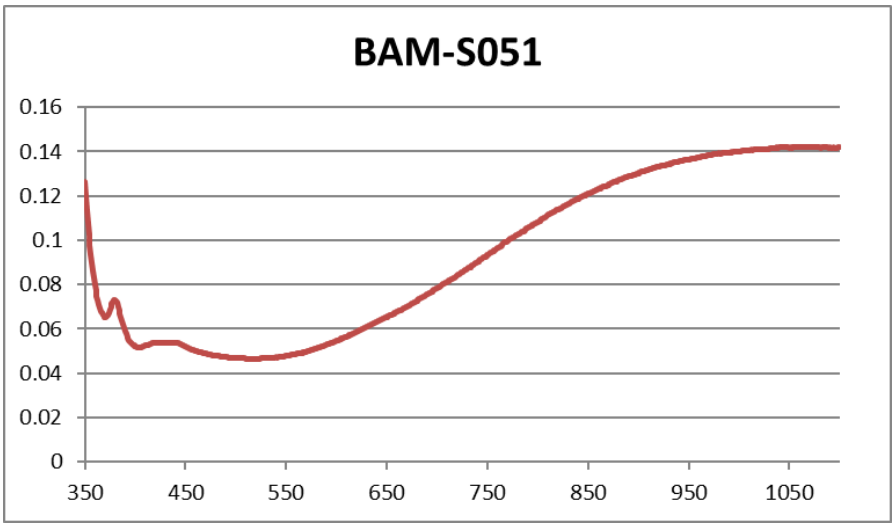


Fig. 3: Absorption spectrum of BAM-S051 (wavelength range: 300 – 1100 nm)

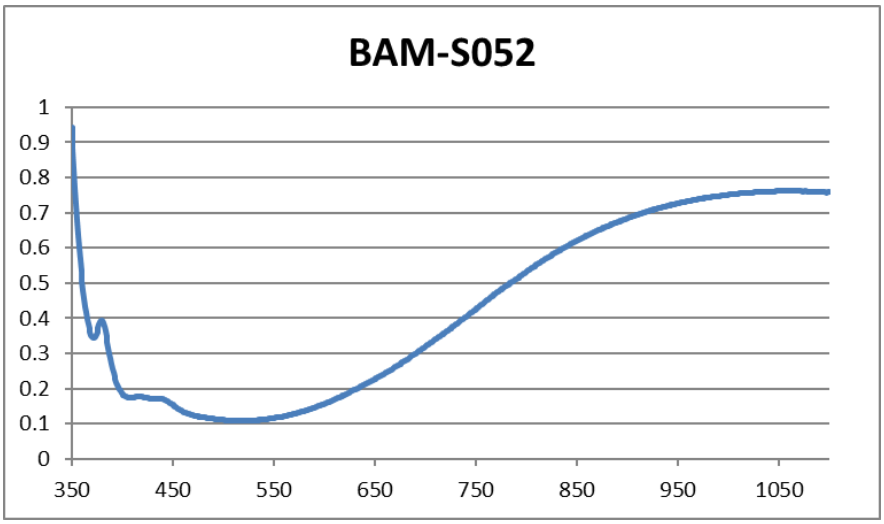


Fig. 4: Absorption spectrum of BAM-S052 (wavelength range: 300 – 1100 nm)

Data collected from absorption measurements for the three samples are shown in Table 10.

Table 10: Absorption measurements

	Absorbance value at 510 nm	**Absorbance value at 1060 nm**	**Absorbance Difference** $A_{1060} - A_{510}$
BAM-S050	0.0396	0.0453	0.0057
BAM-S051	0.0465	0.1419	0.0954
BAM-S052	0.1084	0.7612	0.6528

The optical density from ferrous iron is calculated from sample thickness and sample ferrous iron content (sample thickness x Fe(II)-content). Sample thicknesses were measured by a digital slide

calliper. The input data and calculated results are shown in Table 11. The optical density is plotted versus the measured absorbance in Figures 2-4 yielding a straight line (Fig. 5).

Table 11: Calculation of optical density

	Sample thickness	Ferrous iron content % Fe(II)	Optical density (Ferrous iron) mm %
BAM-S050	3.15 mm	0.0026	0.0082
BAM-S051	5.87 mm	0.0155	0.0912
BAM-S052	3.80 mm	0.160	0.6080

The chemical determination of ferrous iron in ISO 14719 requires a dissolution step. It could be argued that this may alter the ferrous/ferric ratio in the solution compared with the original glass.
However, the absorption spectra are measured directly on the solid glass specimens. There is no dissolution step in this procedure that may alter the redox state of the glass. The good correlation between the chemical method and the physical method gives confidence to the outcome of these tests.

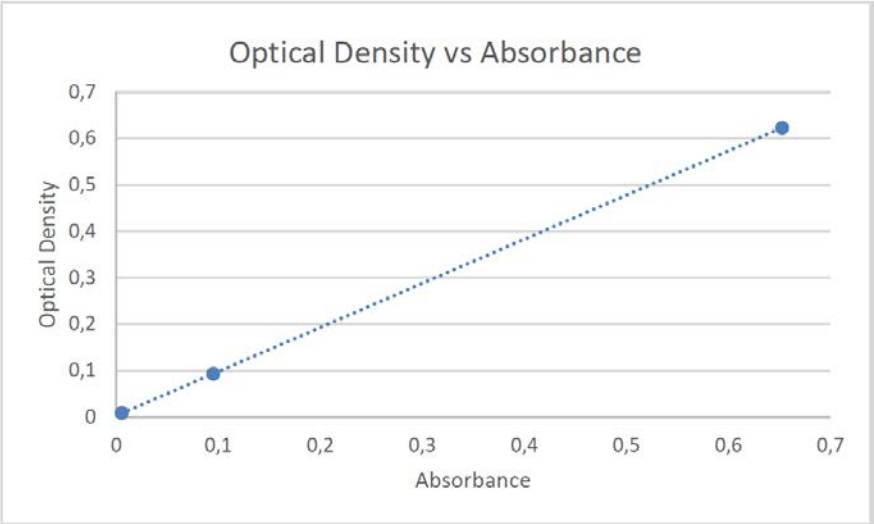


Fig. 5: The optical density (concentration x thickness) plotted versus measured absorbance

7. Instructions for users and stability statement

The certified glass reference materials BAM-S050, BAM-S051 and BAM-S052 are available in the form of slices (100 mm x 50 mm, thickness: 3.2 mm for BAM-S050, 5.9 mm for BAM-S051 and 3.8 mm for BAM-S052). They are intended for establishing and checking the calibration of wet chemical and physical methods for the determination of Fe^{2+}, Fe^{3+} and total iron in glass.
Following the expertise of glass-experts the material and the Fe(II)-content will remain stable if it is not subjected to excessive heat or glass corrosive atmosphere and if it is stored in the dark.

8. Metrological Traceability

To ensure traceability of the certified mass fractions to the SI (Système International d'Unités) calibration was performed using certified standard solutions or pure metals or pure substances of known stoichiometry.

9. Information on and purchase of the CRM

Certified reference materials BAM-S050, -S051 and -S052 are supplied by

Bundesanstalt für Materialforschung und -prüfung (BAM)
Division 1.6: Inorganic Reference Materials
Richard-Willstätter-Str. 11, D-12489 Berlin, Germany
Phone +49 (0)30 - 8104 2061
Fax: +49 (0)30 - 8104 72061
Email: sales.crm@bam.de
https://www.webshop.bam.de

Each slice will be distributed together with a detailed certificate containing the certified values and their uncertainties, the mean values and standard deviations of all accepted data sets and information on the analytical methods used and the names of the participating laboratories.
Information on certified reference materials can be obtained from BAM, https://www.bam.de.

10. References

[1] O. Corumluoglu, E. Guadagnino; Glass Technology 1999, **40** (1), 24-8

[2] ISO Guide 31, Reference materials - Contents of certificates, labels and accompanying documentation, 2015

[3] ISO Guide 34, General requirements for the competence of reference material producers, 2009

[4] ISO Guide 35, Reference materials - General and statistical principles for certification. Third edition, 2006

[5] DIN EN ISO 14719:2012-03: Chemische Analyse von feuerfestem Werkstoff, Glas und Glasuren - Spektralphotometrische Bestimmung von Fe^{2+} und Fe^{3+} mit 1,10-Phenanthrolin (ISO 14719:2011); Deutsche Fassung EN ISO 14719:2011

[6] DIN 51086-2:2004-07: Prüfung von oxidischen Roh- und Werkstoffen für Keramik, Glas und Glasuren - Teil 2: Bestimmung von Ag, As, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Er, Eu, Fe, La, Mg, Mn, Mo, Nd, Ni, P, Pb, Pr, S, Sb, Se, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr durch optische Emissionsspektrometrie mit induktiv gekoppeltem Plasma (ICP OES)

[7] BS 2649-2:1957: Methods for the analysis of glass. Recommended procedure for the analysis of soda-boric oxide-alumina-silica glasses of high silica and boric oxide content

[8] DIN 1333:1992-02 Zahlenangaben

Annex 1: Results of homogeneity testing, BAM-S050

Sample name	%T 1000nm	d in mm	% FeO
DiaS-001	90.05	3.139	0.0034
	90.10	3.140	0.0033
DiaS-002	90.12	3.119	0.0032
	90.12	3.119	0.0032
DiaS-003	89.90	3.138	0.0036
	89.75	3.134	0.0039
DiaS-004	90.14	3.104	0.0032
	90.13	3.102	0.0032
DiaS-005	90.07	3.138	0.0033
	89.63	3.140	0.0041
DiaS-006	90.20	3.091	0.0031
	89.87	3.095	0.0037
DiaS-007	90.14	3.137	0.0032
	90.17	3.136	0.0031
DiaS-008	90.15	3.088	0.0032
	90.15	3.100	0.0032
DiaS-009	90.11	3.130	0.0033
	90.07	3.128	0.0033
DiaS-010	90.13	3.083	0.0033
	90.15	3.080	0.0032
DiaS-011	90.11	3.128	0.0033
	90.08	3.127	0.0033
DiaS-012	90.18	3.107	0.0032
	90.14	3.109	0.0032
DiaS-013	89.34	3.135	0.0046
	90.02	3.136	0.0034
DiaS-014	90.18	3.138	0.0031
	90.12	3.138	0.0032
DiaS-015	90.24	3.139	0.0030
	89.44	3.138	0.0044
DiaS-016	90.25	3.138	0.0030
	90.16	3.138	0.0032
DiaS-017	90.19	3.141	0.0031
	90.18	3.138	0.0031
DiaS-018	90.11	3.130	0.0033
	90.31	3.130	0.0029
DiaS-019	90.10	3.126	0.0033
	90.25	3.126	0.0030
DiaS-020	90.18	3.119	0.0031
	90.29	3.113	0.0030
DiaS-021	90.18	3.104	0.0032
	90.23	3.101	0.0031
DiaS-022	90.25	3.096	0.0030
	90.21	3.095	0.0031
DiaS-023	90.21	3.093	0.0031
	90.11	3.089	0.0033
DiaS-024	90.08	3.083	0.0034
	89.99	3.084	0.0035
DiaS-025	89.87	3.130	0.0037
	89.84	3.132	0.0037
DiaS-026	90.13	3.137	0.0032
	90.03	3.136	0.0034
DiaS-027	90.17	3.139	0.0031
	90.15	3.140	0.0032
DiaS-028	90.16	3.141	0.0032
	89.68	3.141	0.0040
DiaS-029	90.17	3.141	0.0031
	90.08	3.141	0.0033
DiaS-030	90.16	3.138	0.0032
	90.14	3.138	0.0032
DiaS-031	90.15	3.132	0.0032
	90.06	3.133	0.0033
DiaS-032	90.19	3.125	0.0031
	90.14	3.142	0.0032
DiaS-033	90.01	3.116	0.0034
	90.00	3.114	0.0035
DiaS-034	90.05	3.102	0.0034
	90.18	3.102	0.0032
DiaS-035	90.13	3.097	0.0033
	90.20	3.096	0.0031
DiaS-036	90.18	3.092	0.0032
	89.96	3.090	0.0036
Mean DiaS-Scheibe 1	**90.08**	**3.121**	**0.0033**
Std.-dev.	0.141	0.0193	0.00025
		Min	0.0029
		Max	0.0046

Sample name	%T 1000nm	d in mm	% FeO
DiaS-037	90.15	3.13	0.0032
	90.07	3.131	0.0033
DiaS-038	90.08	3.135	0.0033
	89.97	3.136	0.0035
DiaS-039	90.12	3.138	0.0032
	90.08	3.139	0.0033
DiaS-040	90.09	3.142	0.0033
	90.13	3.141	0.0032
DiaS-041	90.11	3.140	0.0032
	90.07	3.139	0.0033
DiaS-042	90.12	3.137	0.0032
	90.07	3.140	0.0033
DiaS-043	90.09	3.133	0.0033
	90.12	3.132	0.0032
DiaS-044	90.07	3.126	0.0033
	90.08	3.124	0.0033
DiaS-045	90.05	3.114	0.0034
	90.01	3.112	0.0035
DiaS-046	90.14	3.102	0.0032
	90.09	3.104	0.0033
DiaS-047	89.96	3.095	0.0036
	89.73	3.094	0.0040
DiaS-048	90.07	3.091	0.0034
	90.05	3.092	0.0034
DiaS-049	90.16	3.131	0.0032
	90.24	3.136	0.0030
DiaS-050	90.14	3.134	0.0032
	90.21	3.135	0.0031
DiaS-051	90.04	3.139	0.0034
	90.21	3.134	0.0031
DiaS-052	90.16	3.138	0.0032
	90.17	3.136	0.0031
DiaS-053	90.08	3.135	0.0033
	90.16	3.136	0.0032
DiaS-054	89.91	3.130	0.0036
	90.10	3.132	0.0033
DiaS-055	90.06	3.125	0.0033
	90.07	3.125	0.0033
DiaS-056	90.18	3.119	0.0031
	90.18	3.115	0.0031
DiaS-057	90.15	3.102	0.0032
	90.09	3.104	0.0033
DiaS-058	90.02	3.099	0.0034
	90.17	3.095	0.0032
DiaS-059	90.11	3.090	0.0033
	90.15	3.092	0.0032
DiaS-060	90.21	3.083	0.0031
	90.13	3.086	0.0033
DiaS-061	90.15	3.131	0.0032
	89.94	3.136	0.0035
DiaS-062	89.85	3.135	0.0037
	90.10	3.139	0.0033
DiaS-063	89.95	3.135	0.0035
	90.13	3.138	0.0032
DiaS-064	90.03	3.141	0.0034
	89.81	3.142	0.0038
DiaS-065	90.12	3.139	0.0032
	90.05	3.136	0.0034
DiaS-066	90.14	3.135	0.0032
	90.12	3.132	0.0032
DiaS-067	90.19	3.126	0.0031
	90.20	3.122	0.0031
DiaS-068	90.18	3.116	0.0031
	90.16	3.115	0.0032
DiaS-069	89.86	3.105	0.0037
	89.94	3.100	0.0036
DiaS-070	90.07	3.095	0.0034
	89.99	3.092	0.0035
DiaS-071	90.12	3.091	0.0033
	89.89	3.087	0.0037
DiaS-072	90.15	3.087	0.0032
	90.13	3.087	0.0033
	min FeO	max FeO	
	0.0029	0.0046	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-073	90.10	3.136	0.0033
	90.04	3.138	0.0034
DiaS-074	90.09	3.151	0.0033
	90.09	3.151	0.0033
DiaS-075	90.10	3.156	0.0032
	90.06	3.156	0.0033
DiaS-076	90.05	3.160	0.0033
	89.53	3.162	0.0042
DiaS-077	90.02	3.160	0.0034
	90.00	3.159	0.0034
DiaS-078	90.03	3.157	0.0034
	90.12	3.158	0.0032
DiaS-079	89.98	3.156	0.0035
	90.06	3.157	0.0033
DiaS-080	90.02	3.159	0.0034
	89.67	3.159	0.0040
DiaS-081	90.06	3.158	0.0033
	89.97	3.156	0.0035
DiaS-082	90.09	3.152	0.0033
	90.05	3.152	0.0033
DiaS-083	89.49	3.145	0.0043
	89.15	3.144	0.0049
DiaS-084	89.97	3.132	0.0035
	90.00	3.133	0.0034
DiaS-085	90.17	3.138	0.0031
	90.15	3.138	0.0032
DiaS-086	90.18	3.151	0.0031
	90.16	3.152	0.0031
DiaS-087	90.15	3.160	0.0032
	90.21	3.159	0.0031
DiaS-088	90.21	3.165	0.0030
	90.22	3.162	0.0030
DiaS-089	90.15	3.162	0.0032
	90.22	3.162	0.0030
DiaS-090	90.12	3.160	0.0032
	90.16	3.159	0.0031
DiaS-091	90.20	3.159	0.0031
	90.01	3.158	0.0034
DiaS-092	90.19	3.160	0.0031
	90.24	3.160	0.0030
DiaS-093	90.22	3.159	0.0030
	90.21	3.157	0.0031
DiaS-094	90.21	3.154	0.0031
	90.23	3.153	0.0030
DiaS-095	90.13	3.147	0.0032
	90.19	3.150	0.0031
DiaS-096	90.20	3.132	0.0031
	90.21	3.132	0.0031
DiaS-097	90.24	3.142	0.0030
	90.28	3.144	0.0029
DiaS-098	90.11	3.150	0.0032
	90.25	3.152	0.0030
DiaS-099	90.18	3.156	0.0031
	90.12	3.153	0.0032
DiaS-100	90.23	3.161	0.0030
	90.17	3.160	0.0031
DiaS-101	90.00	3.158	0.0034
	90.11	3.162	0.0032
DiaS-102	90.14	3.158	0.0032
	90.26	3.159	0.0030
DiaS-103	90.23	3.155	0.0030
	90.16	3.159	0.0031
DiaS-104	90.14	3.158	0.0032
	90.19	3.155	0.0031
DiaS-105	90.28	3.151	0.0029
	90.17	3.149	0.0031
DiaS-106	90.13	3.149	0.0032
	90.19	3.148	0.0031
DiaS-107	90.15	3.143	0.0032
	90.05	3.140	0.0034
DiaS-108	90.20	3.125	0.0031
	90.23	3.124	0.0031
Mean DiaS-Scheibe 2	**90.13**	**3.152**	**0.0032**
Std.-dev.	0.147	0.0107	0.00026
		Min	0.0029
		Max	0.0049

Sample name	%T 1000nm	d in mm	% FeO
DiaS-109	90.29	3.138	0.0029
	90.02	3.141	0.0034
DiaS-110	90.14	3.148	0.0032
	90.12	3.150	0.0032
DiaS-111	90.19	3.154	0.0031
	90.18	3.157	0.0031
DiaS-112	90.10	3.162	0.0032
	90.13	3.158	0.0032
DiaS-113	90.11	3.158	0.0032
	90.17	3.159	0.0031
DiaS-114	90.19	3.157	0.0031
	90.12	3.159	0.0032
DiaS-115	90.10	3.159	0.0032
	90.18	3.155	0.0031
DiaS-116	90.17	3.157	0.0031
	90.20	3.156	0.0031
DiaS-117	90.08	3.149	0.0033
	90.22	3.151	0.0030
DiaS-118	90.15	3.148	0.0032
	90.14	3.145	0.0032
DiaS-119	90.24	3.140	0.0030
	90.20	3.138	0.0031
DiaS-120	90.29	3.127	0.0029
	90.26	3.124	0.0030
DiaS-121	90.10	3.141	0.0033
	90.19	3.144	0.0031
DiaS-122	90.18	3.159	0.0031
	90.15	3.156	0.0032
DiaS-123	90.12	3.159	0.0032
	90.13	3.157	0.0032
DiaS-124	90.22	3.185	0.0030
	90.10	3.172	0.0032
DiaS-125	90.27	3.175	0.0029
	90.22	3.163	0.0030
DiaS-126	90.18	3.163	0.0031
	90.11	3.165	0.0032
DiaS-127	90.18	3.159	0.0031
	90.24	3.160	0.0030
DiaS-128	90.16	3.163	0.0031
	90.19	3.163	0.0031
DiaS-129	90.08	3.152	0.0033
	90.26	3.152	0.0030
DiaS-130	90.25	3.147	0.0030
	90.24	3.147	0.0030
DiaS-131	90.16	3.128	0.0032
	90.09	3.127	0.0033
DiaS-132	90.22	3.145	0.0030
	90.23	3.143	0.0030
DiaS-133	90.23	3.141	0.0030
	90.03	3.144	0.0034
DiaS-134	90.19	3.149	0.0031
	90.24	3.148	0.0030
DiaS-135	90.16	3.155	0.0031
	89.70	3.158	0.0039
DiaS-136	90.19	3.164	0.0031
	90.19	3.164	0.0031
DiaS-137	89.99	3.159	0.0034
	90.15	3.159	0.0032
DiaS-138	90.19	3.161	0.0031
	90.16	3.158	0.0031
DiaS-139	90.24	3.158	0.0030
	90.18	3.159	0.0031
DiaS-140	90.23	3.161	0.0030
	90.09	3.161	0.0033
DiaS-141	90.24	3.152	0.0030
	90.13	3.152	0.0032
DiaS-142	90.21	3.146	0.0031
	90.22	3.146	0.0030
DiaS-143	90.16	3.136	0.0032
	89.84	3.140	0.0037
DiaS-144	90.19	3.125	0.0031
	90.24	3.127	0.0030
	min FeO	max FeO	
	0.0029	0.0049	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-145	90.08	3.127	0.0033
	90.15	3.126	0.0032
DiaS-146	90.03	3.125	0.0034
	89.89	3.124	0.0037
DiaS-147	90.01	3.128	0.0034
	90.09	3.126	0.0033
DiaS-148	90.06	3.129	0.0033
	90.12	3.129	0.0032
DiaS-149	90.15	3.135	0.0032
	90.18	3.135	0.0031
DiaS-150	90.09	3.140	0.0033
	90.17	3.140	0.0031
DiaS-151	90.03	3.141	0.0034
	90.14	3.142	0.0032
DiaS-152	89.86	3.147	0.0037
	90.15	3.144	0.0032
DiaS-153	90.07	3.150	0.0033
	89.64	3.147	0.0041
DiaS-154	90.11	3.151	0.0032
	89.95	3.152	0.0035
DiaS-155	90.19	3.156	0.0031
	89.85	3.157	0.0037
DiaS-156	90.06	3.161	0.0033
	90.11	3.161	0.0032
DiaS-157	90.16	3.128	0.0032
	90.00	3.127	0.0035
DiaS-158	90.10	3.126	0.0033
	90.17	3.126	0.0032
DiaS-159	90.14	3.128	0.0032
	90.12	3.127	0.0032
DiaS-160	90.00	3.130	0.0034
	90.01	3.132	0.0034
DiaS-161	90.09	3.136	0.0033
	90.10	3.136	0.0033
DiaS-162	90.17	3.142	0.0031
	89.93	3.142	0.0036
DiaS-163	89.95	3.145	0.0035
	90.10	3.145	0.0033
DiaS-164	90.01	3.147	0.0034
	90.16	3.147	0.0032
DiaS-165	90.06	3.150	0.0033
	90.13	3.152	0.0032
DiaS-166	90.07	3.154	0.0033
	89.85	3.156	0.0037
DiaS-167	90.10	3.159	0.0032
	90.00	3.159	0.0034
DiaS-168	90.08	3.163	0.0033
	90.11	3.162	0.0032
DiaS-169	90.26	3.127	0.0030
	90.22	3.124	0.0031
DiaS-170	90.24	3.130	0.0030
	90.21	3.125	0.0031
DiaS-171	89.99	3.129	0.0035
	90.22	3.130	0.0031
DiaS-172	90.19	3.134	0.0031
	90.24	3.134	0.0030
DiaS-173	90.04	3.143	0.0034
	90.23	3.141	0.0030
DiaS-174	89.92	3.140	0.0036
	90.07	3.140	0.0033
DiaS-175	90.19	3.141	0.0031
	90.22	3.143	0.0030
DiaS-176	90.20	3.145	0.0031
	90.17	3.146	0.0031
DiaS-177	90.06	3.151	0.0033
	90.17	3.150	0.0031
DiaS-178	90.17	3.152	0.0031
	90.24	3.158	0.0030
DiaS-179	90.00	3.155	0.0034
	90.04	3.156	0.0034
DiaS-180	90.21	3.169	0.0030
	90.23	3.165	0.0030
Mean DiaS-Scheibe 3	**90.12**	**3.142**	**0.0032**
Std.-dev.	0.112	0.0127	0.00020
		Min	0.0030
		Max	0.0043

Sample name	%T 1000nm	d in mm	% FeO
DiaS-181	90.18	3.127	0.0031
	90.19	3.123	0.0031
DiaS-182	90.01	3.128	0.0034
	90.19	3.124	0.0031
DiaS-183	90.15	3.131	0.0032
	90.16	3.130	0.0032
DiaS-184	90.18	3.129	0.0031
	90.21	3.133	0.0031
DiaS-185	90.20	3.134	0.0031
	90.20	3.138	0.0031
DiaS-186	90.17	3.137	0.0031
	89.95	3.142	0.0035
DiaS-187	90.20	3.144	0.0031
	90.19	3.145	0.0031
DiaS-188	90.18	3.146	0.0031
	90.10	3.145	0.0033
DiaS-189	90.17	3.149	0.0031
	90.13	3.155	0.0032
DiaS-190	90.16	3.158	0.0031
	90.14	3.159	0.0032
DiaS-191	90.15	3.159	0.0032
	90.09	3.163	0.0033
DiaS-192	90.13	3.165	0.0032
	90.11	3.168	0.0032
DiaS-193	89.96	3.126	0.0035
	90.08	3.127	0.0033
DiaS-194	90.15	3.126	0.0032
	89.53	3.126	0.0043
DiaS-195	90.22	3.128	0.0031
	90.20	3.125	0.0031
DiaS-196	90.09	3.131	0.0033
	90.13	3.131	0.0032
DiaS-197	90.23	3.136	0.0030
	90.20	3.135	0.0031
DiaS-198	89.92	3.140	0.0036
	90.15	3.143	0.0032
DiaS-199	90.20	3.141	0.0031
	90.19	3.141	0.0031
DiaS-200	90.12	3.146	0.0032
	90.05	3.146	0.0033
DiaS-201	90.19	3.148	0.0031
	90.17	3.150	0.0031
DiaS-202	90.04	3.154	0.0034
	90.18	3.154	0.0031
DiaS-203	90.17	3.163	0.0031
	90.21	3.161	0.0030
DiaS-204	90.03	3.163	0.0034
	90.11	3.164	0.0032
DiaS-205	90.02	3.128	0.0034
	90.21	3.129	0.0031
DiaS-206	90.10	3.128	0.0033
	90.20	3.128	0.0031
DiaS-207	90.22	3.128	0.0031
	90.20	3.128	0.0031
DiaS-208	90.26	3.132	0.0030
	90.24	3.132	0.0030
DiaS-209	90.24	3.137	0.0030
	90.23	3.136	0.0030
DiaS-210	90.23	3.142	0.0030
	90.24	3.143	0.0030
DiaS-211	90.10	3.144	0.0033
	90.18	3.143	0.0031
DiaS-212	90.25	3.146	0.0030
	90.24	3.148	0.0030
DiaS-213	90.22	3.152	0.0030
	90.17	3.152	0.0031
DiaS-214	90.17	3.157	0.0031
	90.23	3.156	0.0030
DiaS-215	90.22	3.162	0.0030
	90.15	3.160	0.0032
DiaS-216	90.15	3.169	0.0031
	90.20	3.166	0.0031
	min FeO	max FeO	
	0.0030	0.0043	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-217	89.88	3.127	0.0037
	90.19	3.126	0.0031
DiaS-218	90.15	3.127	0.0032
	90.21	3.126	0.0031
DiaS-219	90.18	3.126	0.0031
	90.24	3.130	0.0030
DiaS-220	89.97	3.135	0.0035
	90.19	3.140	0.0031
DiaS-221	90.13	3.140	0.0032
	90.21	3.139	0.0031
DiaS-222	90.00	3.143	0.0034
	89.90	3.144	0.0036
DiaS-223	90.03	3.146	0.0034
	90.18	3.142	0.0031
DiaS-224	90.22	3.143	0.0030
	90.08	3.148	0.0033
DiaS-225	90.20	3.150	0.0031
	90.11	3.151	0.0032
DiaS-226	90.20	3.151	0.0031
	90.09	3.155	0.0033
DiaS-227	90.22	3.157	0.0030
	90.22	3.164	0.0030
DiaS-228	90.21	3.161	0.0030
	90.25	3.164	0.0030
DiaS-229	90.15	3.126	0.0032
	90.15	3.123	0.0032
DiaS-230	89.98	3.128	0.0035
	90.04	3.127	0.0034
DiaS-231	90.08	3.131	0.0033
	89.95	3.130	0.0035
DiaS-232	89.88	3.136	0.0037
	89.66	3.137	0.0040
DiaS-233	90.10	3.140	0.0033
	90.04	3.139	0.0034
DiaS-234	89.81	3.142	0.0038
	89.93	3.141	0.0036
DiaS-235	90.11	3.156	0.0032
	90.03	3.158	0.0034
DiaS-236	90.00	3.162	0.0034
	89.91	3.163	0.0036
DiaS-237	89.91	3.154	0.0036
	89.99	3.152	0.0034
DiaS-238	89.79	3.147	0.0038
	89.85	3.149	0.0037
DiaS-239	90.01	3.125	0.0034
	89.90	3.128	0.0036
DiaS-240	90.12	3.143	0.0032
	90.11	3.143	0.0032
DiaS-241	90.23	3.121	0.0031
	90.20	3.126	0.0031
DiaS-242	90.21	3.125	0.0031
	90.24	3.123	0.0030
DiaS-243	90.21	3.129	0.0031
	90.23	3.130	0.0030
DiaS-244	90.24	3.132	0.0030
	90.04	3.134	0.0034
DiaS-245	90.18	3.135	0.0031
	90.30	3.139	0.0029
DiaS-246	90.19	3.139	0.0031
	90.22	3.139	0.0031
DiaS-247	90.30	3.144	0.0029
	90.21	3.145	0.0031
DiaS-248	90.22	3.144	0.0030
	89.95	3.152	0.0035
DiaS-249	90.14	3.153	0.0032
	90.12	3.156	0.0032
DiaS-250	90.24	3.159	0.0030
	90.24	3.161	0.0030
DiaS-251	90.24	3.158	0.0030
	90.22	3.161	0.0030
DiaS-252	90.24	3.166	0.0030
	90.26	3.167	0.0030
Mean DiaS-Scheibe 4	**90.09**	**3.143**	**0.0033**
Std.-dev.	0.156	0.0126	0.00028
		Min	0.0029
		Max	0.0048

Sample name	%T 1000nm	d in mm	% FeO
DiaS-253	90.15	3.129	0.0032
	89.92	3.128	0.0036
DiaS-254	90.11	3.126	0.0033
	90.18	3.127	0.0031
DiaS-255	90.21	3.129	0.0031
	90.24	3.129	0.0030
DiaS-256	90.00	3.133	0.0034
	90.17	3.133	0.0031
DiaS-257	90.04	3.138	0.0034
	90.21	3.138	0.0031
DiaS-258	90.18	3.141	0.0031
	90.12	3.140	0.0032
DiaS-259	89.88	3.146	0.0036
	90.09	3.143	0.0033
DiaS-260	90.20	3.149	0.0031
	89.55	3.146	0.0042
DiaS-261	90.15	3.151	0.0032
	90.17	3.156	0.0031
DiaS-262	90.21	3.156	0.0031
	90.17	3.156	0.0031
DiaS-263	90.00	3.158	0.0034
	90.00	3.158	0.0034
DiaS-264	90.20	3.165	0.0031
	90.19	3.164	0.0031
DiaS-265	90.16	3.125	0.0032
	89.81	3.127	0.0038
DiaS-266	90.04	3.128	0.0034
	90.07	3.127	0.0033
DiaS-267	90.16	3.131	0.0032
	90.22	3.132	0.0031
DiaS-268	90.15	3.138	0.0032
	90.23	3.137	0.0030
DiaS-269	90.14	3.140	0.0032
	89.92	3.142	0.0036
DiaS-270	90.20	3.127	0.0031
	90.18	3.128	0.0031
DiaS-271	90.15	3.143	0.0032
	90.22	3.143	0.0030
DiaS-272	90.10	3.163	0.0032
	89.87	3.166	0.0036
DiaS-273	90.17	3.158	0.0031
	90.13	3.158	0.0032
DiaS-274	90.18	3.153	0.0031
	90.14	3.155	0.0032
DiaS-275	90.11	3.151	0.0032
	90.19	3.150	0.0031
DiaS-276	90.10	3.145	0.0033
	90.20	3.145	0.0031
DiaS-277	90.20	3.128	0.0031
	90.01	3.128	0.0034
DiaS-278	89.92	3.126	0.0036
	89.74	3.126	0.0039
DiaS-279	90.12	3.128	0.0032
	90.13	3.126	0.0032
DiaS-280	90.15	3.132	0.0032
	90.08	3.132	0.0033
DiaS-281	90.22	3.137	0.0031
	90.20	3.136	0.0031
DiaS-282	89.24	3.140	0.0048
	89.81	3.142	0.0038
DiaS-283	90.18	3.143	0.0031
	90.23	3.142	0.0030
DiaS-284	90.15	3.145	0.0032
	90.12	3.146	0.0032
DiaS-285	90.13	3.150	0.0032
	90.06	3.151	0.0033
DiaS-286	89.73	3.155	0.0039
	89.96	3.156	0.0035
DiaS-287	90.16	3.158	0.0031
	90.21	3.159	0.0031
DiaS-288	89.92	3.166	0.0036
	90.18	3.165	0.0031
	min FeO	max FeO	
	0.0029	0.0048	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-289	90.20	3.132	0.0031
	90.17	3.120	0.0032
DiaS-290	90.04	3.133	0.0034
	90.22	3.120	0.0031
DiaS-291	89.91	3.133	0.0036
	89.61	3.122	0.0042
DiaS-292	89.91	3.135	0.0036
	89.98	3.121	0.0035
DiaS-293	90.19	3.133	0.0031
	90.09	3.120	0.0033
DiaS-294	90.15	3.133	0.0032
	89.97	3.120	0.0035
DiaS-295	90.10	3.136	0.0033
	90.18	3.120	0.0031
DiaS-296	90.17	3.135	0.0031
	90.18	3.119	0.0031
DiaS-297	89.91	3.134	0.0036
	90.20	3.119	0.0031
DiaS-298	90.09	3.132	0.0033
	90.11	3.121	0.0033
DiaS-299	90.05	3.133	0.0034
	90.14	3.120	0.0032
DiaS-300	89.97	3.134	0.0035
	90.20	3.120	0.0031
DiaS-301	90.23	3.112	0.0031
	90.22	3.107	0.0031
DiaS-302	90.20	3.115	0.0031
	90.31	3.107	0.0029
DiaS-303	89.99	3.114	0.0035
	89.99	3.110	0.0035
DiaS-304	90.20	3.114	0.0031
	90.19	3.111	0.0031
DiaS-305	90.08	3.112	0.0033
	90.11	3.114	0.0033
DiaS-306	90.17	3.113	0.0032
	90.30	3.109	0.0029
DiaS-307	90.20	3.111	0.0031
	90.18	3.106	0.0032
DiaS-308	90.27	3.111	0.0030
	90.18	3.107	0.0032
DiaS-309	90.17	3.112	0.0032
	90.22	3.105	0.0031
DiaS-310	90.20	3.115	0.0031
	90.18	3.107	0.0032
DiaS-311	90.23	3.116	0.0031
	90.24	3.110	0.0030
DiaS-312	90.27	3.111	0.0030
	90.20	3.107	0.0031
DiaS-313	90.21	3.108	0.0031
	90.13	3.106	0.0032
DiaS-314	90.16	3.108	0.0032
	90.04	3.107	0.0034
DiaS-315	90.12	3.110	0.0033
	90.24	3.108	0.0030
DiaS-316	90.16	3.110	0.0032
	90.24	3.107	0.0030
DiaS-317	89.65	3.109	0.0041
	89.80	3.108	0.0038
DiaS-318	90.16	3.109	0.0032
	89.71	3.108	0.0040
DiaS-319	90.23	3.109	0.0031
	90.22	3.113	0.0031
DiaS-320	90.02	3.110	0.0034
	89.65	3.108	0.0041
DiaS-321	90.25	3.109	0.0030
	90.05	3.110	0.0034
DiaS-322	89.83	3.110	0.0038
	89.46	3.111	0.0044
DiaS-323	90.18	3.110	0.0032
	90.21	3.112	0.0031
DiaS-324	90.21	3.111	0.0031
	90.12	3.110	0.0033
Mean DiaS-Scheibe 5	**90.10**	**3.115**	**0.0033**
Std.-dev.	0.180	0.0074	0.00032
		Min	0.0029
		Max	0.0048

Sample name	%T 1000nm	d in mm	% FeO
DiaS-325	90.06	3.107	0.0034
	89.80	3.110	0.0038
DiaS-326	90.03	3.106	0.0034
	90.08	3.110	0.0033
DiaS-327	90.18	3.107	0.0032
	90.14	3.109	0.0032
DiaS-328	89.84	3.106	0.0038
	89.88	3.110	0.0037
DiaS-329	90.17	3.107	0.0032
	90.21	3.111	0.0031
DiaS-330	90.01	3.109	0.0035
	89.94	3.111	0.0036
DiaS-331	90.11	3.108	0.0033
	89.72	3.112	0.0040
DiaS-332	89.99	3.111	0.0035
	89.83	3.114	0.0038
DiaS-333	89.82	3.113	0.0038
	89.28	3.112	0.0048
DiaS-334	89.65	3.110	0.0041
	89.40	3.112	0.0045
DiaS-335	90.16	3.113	0.0032
	89.87	3.110	0.0037
DiaS-336	90.18	3.112	0.0032
	90.02	3.109	0.0034
DiaS-337	90.15	3.113	0.0032
	90.24	3.113	0.0030
DiaS-338	90.10	3.109	0.0033
	90.04	3.113	0.0034
DiaS-339	90.13	3.109	0.0032
	90.03	3.113	0.0034
DiaS-340	90.22	3.110	0.0031
	90.14	3.117	0.0032
DiaS-341	89.95	3.114	0.0036
	90.15	3.112	0.0032
DiaS-342	89.94	3.115	0.0036
	90.15	3.120	0.0032
DiaS-343	90.14	3.113	0.0032
	90.08	3.117	0.0033
DiaS-344	90.19	3.106	0.0031
	90.18	3.118	0.0031
DiaS-345	90.19	3.109	0.0031
	90.14	3.114	0.0032
DiaS-346	90.17	3.112	0.0032
	90.04	3.118	0.0034
DiaS-347	90.17	3.111	0.0032
	90.24	3.115	0.0030
DiaS-348	90.20	3.105	0.0031
	90.13	3.110	0.0032
DiaS-349	90.24	3.115	0.0030
	90.30	3.121	0.0029
DiaS-350	90.24	3.117	0.0030
	90.25	3.121	0.0030
DiaS-351	90.18	3.115	0.0031
	90.28	3.122	0.0030
DiaS-352	90.24	3.116	0.0030
	90.15	3.122	0.0032
DiaS-353	90.22	3.122	0.0031
	90.18	3.124	0.0031
DiaS-354	90.23	3.116	0.0031
	90.20	3.120	0.0031
DiaS-355	90.13	3.118	0.0032
	90.19	3.123	0.0031
DiaS-356	90.26	3.116	0.0030
	90.18	3.120	0.0031
DiaS-357	90.25	3.116	0.0030
	90.20	3.123	0.0031
DiaS-358	90.22	3.114	0.0031
	90.15	3.120	0.0032
DiaS-359	90.23	3.119	0.0031
	90.24	3.123	0.0030
DiaS-360	90.17	3.114	0.0032
	90.20	3.126	0.0031
	min FeO	max FeO	
	0.0029	0.0048	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-361	90.26	3.141	0.0030
	90.26	3.128	0.0030
DiaS-362	90.05	3.141	0.0033
	90.12	3.128	0.0032
DiaS-363	90.27	3.140	0.0030
	90.18	3.130	0.0031
DiaS-364	90.25	3.141	0.0030
	90.24	3.128	0.0030
DiaS-365	90.20	3.139	0.0031
	90.24	3.128	0.0030
DiaS-366	90.01	3.139	0.0034
	89.96	3.128	0.0035
DiaS-367	90.12	3.140	0.0032
	90.12	3.128	0.0032
DiaS-368	90.13	3.143	0.0032
	90.09	3.130	0.0033
DiaS-369	90.24	3.142	0.0030
	90.24	3.129	0.0030
DiaS-370	90.05	3.141	0.0033
	90.20	3.129	0.0031
DiaS-371	90.22	3.141	0.0031
	90.21	3.129	0.0031
DiaS-372	89.99	3.142	0.0035
	90.20	3.129	0.0031
DiaS-373	90.19	3.159	0.0031
	90.19	3.150	0.0031
DiaS-374	90.14	3.158	0.0032
	90.17	3.151	0.0031
DiaS-375	90.22	3.158	0.0030
	90.20	3.150	0.0031
DiaS-376	90.18	3.158	0.0031
	90.19	3.151	0.0031
DiaS-377	90.17	3.159	0.0031
	89.99	3.151	0.0034
DiaS-378	90.10	3.153	0.0032
	90.17	3.151	0.0031
DiaS-379	90.13	3.159	0.0032
	90.22	3.151	0.0030
DiaS-380	90.12	3.159	0.0032
	89.90	3.150	0.0036
DiaS-381	90.30	3.159	0.0029
	89.44	3.149	0.0044
DiaS-382	90.25	3.159	0.0030
	90.24	3.150	0.0030
DiaS-383	89.98	3.158	0.0035
	90.11	3.149	0.0032
DiaS-384	89.80	3.158	0.0038
	90.12	3.150	0.0032
DiaS-385	90.23	3.139	0.0030
	90.21	3.156	0.0031
DiaS-386	90.14	3.139	0.0032
	90.01	3.156	0.0034
DiaS-387	90.19	3.139	0.0031
	90.13	3.156	0.0032
DiaS-388	90.23	3.140	0.0030
	90.11	3.156	0.0032
DiaS-389	90.24	3.140	0.0030
	90.22	3.156	0.0030
DiaS-390	90.23	3.141	0.0030
	90.17	3.155	0.0031
DiaS-391	90.19	3.141	0.0031
	90.17	3.155	0.0031
DiaS-392	90.05	3.143	0.0033
	90.15	3.155	0.0032
DiaS-393	90.34	3.139	0.0028
	90.06	3.155	0.0033
DiaS-394	90.06	3.138	0.0033
	89.91	3.155	0.0036
DiaS-395	89.86	3.138	0.0037
	90.14	3.155	0.0032
DiaS-396	90.04	3.139	0.0034
	90.20	3.155	0.0031
Mean DiaS-Scheibe 6	**90.13**	**3.153**	**0.0032**
Std.-dev.	0.136	0.0110	0.00024
		Min	0.0027
		Max	0.0044

Sample name	%T 1000nm	d in mm	% FeO
DiaS-397	89.97	3.162	0.0035
	90.14	3.168	0.0032
DiaS-398	90.16	3.163	0.0031
	90.10	3.164	0.0032
DiaS-399	90.13	3.161	0.0032
	89.90	3.166	0.0036
DiaS-400	90.17	3.163	0.0031
	90.08	3.168	0.0033
DiaS-401	90.11	3.161	0.0032
	90.16	3.169	0.0031
DiaS-402	90.18	3.161	0.0031
	90.16	3.165	0.0031
DiaS-403	90.14	3.161	0.0032
	90.11	3.165	0.0032
DiaS-404	90.03	3.161	0.0034
	90.02	3.166	0.0034
DiaS-405	90.12	3.160	0.0032
	90.12	3.164	0.0032
DiaS-406	90.12	3.158	0.0032
	89.88	3.164	0.0036
DiaS-407	90.16	3.164	0.0031
	90.19	3.160	0.0031
DiaS-408	90.19	3.157	0.0031
	90.16	3.161	0.0031
DiaS-409	90.12	3.159	0.0032
	90.11	3.163	0.0032
DiaS-410	89.98	3.169	0.0034
	89.91	3.164	0.0036
DiaS-411	89.96	3.166	0.0035
	90.02	3.161	0.0034
DiaS-412	89.80	3.163	0.0038
	89.93	3.164	0.0035
DiaS-413	90.05	3.164	0.0033
	89.98	3.162	0.0034
DiaS-414	90.05	3.163	0.0033
	89.99	3.164	0.0034
DiaS-415	89.99	3.161	0.0034
	89.93	3.163	0.0035
DiaS-416	90.06	3.164	0.0033
	90.01	3.162	0.0034
DiaS-417	90.04	3.162	0.0033
	90.04	3.162	0.0033
DiaS-418	90.11	3.159	0.0032
	90.03	3.158	0.0034
DiaS-419	89.99	3.155	0.0034
	90.10	3.160	0.0032
DiaS-420	90.06	3.162	0.0033
	90.10	3.161	0.0032
DiaS-421	90.25	3.158	0.0030
	90.19	3.152	0.0031
DiaS-422	90.03	3.155	0.0034
	90.06	3.158	0.0033
DiaS-423	90.38	3.151	0.0028
	90.25	3.159	0.0030
DiaS-424	90.22	3.160	0.0030
	90.36	3.158	0.0028
DiaS-425	90.32	3.156	0.0029
	90.25	3.158	0.0030
DiaS-426	89.97	3.154	0.0035
	90.31	3.155	0.0029
DiaS-427	90.09	3.164	0.0033
	90.26	3.157	0.0030
DiaS-428	90.33	3.157	0.0028
	90.34	3.162	0.0028
DiaS-429	90.36	3.160	0.0028
	90.39	3.156	0.0027
DiaS-430	90.29	3.165	0.0029
	90.25	3.161	0.0030
DiaS-431	90.41	3.157	0.0027
	90.38	3.155	0.0028
DiaS-432	90.31	3.161	0.0029
	90.31	3.158	0.0029
	min FeO	max FeO	
	0.0027	0.0044	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-433	90.17	3.082	0.0032
	90.18	3.091	0.0032
DiaS-434	90.22	3.081	0.0031
	90.06	3.090	0.0034
DiaS-435	90.22	3.082	0.0031
	90.18	3.091	0.0032
DiaS-436	90.09	3.083	0.0033
	90.21	3.091	0.0031
DiaS-437	90.18	3.081	0.0032
	90.22	3.091	0.0031
DiaS-438	90.16	3.081	0.0032
	89.95	3.090	0.0036
DiaS-439	90.20	3.082	0.0031
	90.21	3.090	0.0031
DiaS-440	90.22	3.082	0.0031
	90.18	3.090	0.0032
DiaS-441	90.21	3.082	0.0031
	90.23	3.090	0.0031
DiaS-442	90.00	3.082	0.0035
	90.12	3.090	0.0033
DiaS-443	90.20	3.082	0.0031
	90.18	3.091	0.0032
DiaS-444	90.10	3.083	0.0033
	90.13	3.093	0.0033
DiaS-445	90.24	3.091	0.0031
	90.12	3.099	0.0033
DiaS-446	90.22	3.086	0.0031
	90.27	3.098	0.0030
DiaS-447	90.24	3.091	0.0031
	90.26	3.099	0.0030
DiaS-448	90.25	3.090	0.0030
	90.23	3.095	0.0031
DiaS-449	90.23	3.086	0.0031
	90.19	3.083	0.0032
DiaS-450	90.21	3.097	0.0031
	90.05	3.090	0.0034
DiaS-451	90.21	3.094	0.0031
	90.24	3.093	0.0031
DiaS-452	90.18	3.095	0.0032
	90.26	3.091	0.0030
DiaS-453	90.21	3.096	0.0031
	90.24	3.089	0.0031
DiaS-454	90.19	3.091	0.0032
	90.30	3.087	0.0030
DiaS-455	90.29	3.097	0.0030
	90.29	3.090	0.0030
DiaS-456	90.29	3.086	0.0030
	90.26	3.090	0.0030
DiaS-457	89.91	3.102	0.0036
	90.04	3.129	0.0034
DiaS-458	90.13	3.109	0.0032
	90.14	3.122	0.0032
DiaS-459	90.21	3.107	0.0031
	90.19	3.122	0.0031
DiaS-460	90.16	3.107	0.0032
	90.14	3.119	0.0032
DiaS-461	90.19	3.105	0.0031
	90.18	3.123	0.0031
DiaS-462	90.17	3.100	0.0032
	90.18	3.116	0.0031
DiaS-463	90.09	3.105	0.0033
	90.20	3.119	0.0031
DiaS-464	90.16	3.102	0.0032
	90.19	3.116	0.0031
DiaS-465	90.19	3.095	0.0032
	90.14	3.119	0.0032
DiaS-466	90.19	3.098	0.0031
	90.18	3.120	0.0031
DiaS-467	90.15	3.103	0.0032
	90.16	3.118	0.0032
DiaS-468	90.16	3.103	0.0032
	90.16	3.122	0.0032
Mean DiaS-Scheibe 7	**90.14**	**3.116**	**0.0032**
Std.-dev.	0.114	0.0218	0.00019
		Min	0.0030
		Max	0.0043

Sample name	%T 1000nm	d in mm	% FeO
DiaS-469	90.14	3.126	0.0032
	90.19	3.134	0.0031
DiaS-470	90.17	3.126	0.0032
	90.19	3.135	0.0031
DiaS-471	90.19	3.127	0.0031
	90.13	3.133	0.0032
DiaS-472	90.10	3.126	0.0033
	90.18	3.134	0.0031
DiaS-473	90.20	3.127	0.0031
	90.20	3.133	0.0031
DiaS-474	90.14	3.127	0.0032
	90.18	3.135	0.0031
DiaS-475	90.15	3.128	0.0032
	90.17	3.137	0.0031
DiaS-476	90.13	3.128	0.0032
	90.18	3.136	0.0031
DiaS-477	90.25	3.127	0.0030
	90.26	3.136	0.0030
DiaS-478	90.17	3.126	0.0032
	90.15	3.136	0.0032
DiaS-479	90.08	3.124	0.0033
	90.15	3.134	0.0032
DiaS-480	90.17	3.126	0.0032
	90.20	3.137	0.0031
DiaS-481	90.04	3.135	0.0034
	90.16	3.139	0.0032
DiaS-482	90.14	3.136	0.0032
	90.01	3.136	0.0034
DiaS-483	90.14	3.134	0.0032
	90.15	3.136	0.0032
DiaS-484	90.10	3.134	0.0033
	90.02	3.135	0.0034
DiaS-485	90.13	3.133	0.0032
	90.16	3.135	0.0032
DiaS-486	90.12	3.136	0.0032
	90.16	3.137	0.0032
DiaS-487	89.99	3.137	0.0035
	90.09	3.139	0.0033
DiaS-488	90.09	3.138	0.0033
	90.08	3.140	0.0033
DiaS-489	90.11	3.137	0.0032
	90.17	3.141	0.0031
DiaS-490	90.09	3.137	0.0033
	90.19	3.140	0.0031
DiaS-491	90.10	3.136	0.0033
	90.02	3.142	0.0034
DiaS-492	89.78	3.137	0.0038
	89.98	3.138	0.0035
DiaS-493	90.19	3.137	0.0031
	90.19	3.136	0.0031
DiaS-494	89.74	3.140	0.0039
	89.92	3.135	0.0036
DiaS-495	89.83	3.140	0.0037
	90.19	3.137	0.0031
DiaS-496	90.11	3.139	0.0032
	90.14	3.138	0.0032
DiaS-497	89.96	3.139	0.0035
	90.10	3.135	0.0033
DiaS-498	90.13	3.140	0.0032
	90.03	3.137	0.0034
DiaS-499	89.94	3.140	0.0035
	89.91	3.139	0.0036
DiaS-500	89.52	3.141	0.0043
	89.69	3.137	0.0040
DiaS-501	90.07	3.142	0.0033
	90.18	3.138	0.0031
DiaS-502	90.18	3.142	0.0031
	90.20	3.138	0.0031
DiaS-503	90.17	3.142	0.0031
	90.17	3.141	0.0031
DiaS-504	90.20	3.141	0.0031
	90.21	3.137	0.0031
	min FeO	max FeO	
	0.0030	0.0043	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-505	90.21	3.128	0.0031
	90.23	3.127	0.0030
DiaS-506	90.14	3.135	0.0032
	90.24	3.135	0.0030
DiaS-507	90.21	3.143	0.0031
	90.09	3.144	0.0033
DiaS-508	90.25	3.150	0.0030
	90.21	3.151	0.0031
DiaS-509	90.17	3.156	0.0031
	90.21	3.156	0.0031
DiaS-510	90.14	3.160	0.0032
	90.27	3.160	0.0029
DiaS-511	90.20	3.160	0.0031
	90.24	3.160	0.0030
DiaS-512	90.11	3.160	0.0032
	90.01	3.160	0.0034
DiaS-513	90.16	3.160	0.0031
	90.13	3.159	0.0032
DiaS-514	90.14	3.161	0.0032
	90.20	3.162	0.0031
DiaS-515	90.28	3.157	0.0029
	90.20	3.159	0.0031
DiaS-516	90.17	3.148	0.0031
	90.25	3.148	0.0030
DiaS-517	90.13	3.140	0.0032
	90.18	3.142	0.0031
DiaS-518	90.11	3.151	0.0032
	90.09	3.151	0.0033
DiaS-519	90.11	3.160	0.0032
	89.79	3.160	0.0038
DiaS-520	90.05	3.162	0.0033
	90.15	3.162	0.0032
DiaS-521	90.08	3.163	0.0033
	90.08	3.161	0.0033
DiaS-522	90.12	3.161	0.0032
	90.13	3.161	0.0032
DiaS-523	90.04	3.162	0.0033
	90.00	3.161	0.0034
DiaS-524	90.15	3.163	0.0032
	90.11	3.162	0.0032
DiaS-525	90.16	3.160	0.0031
	90.10	3.162	0.0032
DiaS-526	90.11	3.152	0.0032
	90.17	3.156	0.0031
DiaS-527	90.12	3.147	0.0032
	90.10	3.147	0.0033
DiaS-528	90.14	3.133	0.0032
	89.94	3.133	0.0036
DiaS-529	90.31	3.138	0.0029
	90.20	3.137	0.0031
DiaS-530	90.23	3.150	0.0030
	90.25	3.150	0.0030
DiaS-531	90.21	3.157	0.0031
	90.18	3.160	0.0031
DiaS-532	90.17	3.161	0.0031
	90.05	3.162	0.0033
DiaS-533	90.20	3.163	0.0031
	90.23	3.162	0.0030
DiaS-534	90.30	3.159	0.0029
	90.24	3.161	0.0030
DiaS-535	90.26	3.159	0.0030
	90.25	3.161	0.0030
DiaS-536	89.89	3.163	0.0036
	90.21	3.162	0.0030
DiaS-537	90.19	3.159	0.0031
	90.23	3.159	0.0030
DiaS-538	90.24	3.153	0.0030
	90.22	3.152	0.0030
DiaS-539	90.19	3.145	0.0031
	90.23	3.145	0.0030
DiaS-540	90.25	3.133	0.0030
	90.31	3.132	0.0029
Mean DiaS-Scheibe 8	**90.17**	**3.153**	**0.0031**
Std.-dev.	0.083	0.0101	0.00015
		Min	0.0029
		Max	0.0038

Sample name	%T 1000nm	d in mm	% FeO
DiaS-541	90.13	3.142	0.0032
	90.13	3.149	0.0032
DiaS-542	90.20	3.150	0.0031
	90.15	3.148	0.0032
DiaS-543	90.15	3.158	0.0032
	90.07	3.164	0.0033
DiaS-544	90.15	3.166	0.0031
	90.15	3.161	0.0032
DiaS-545	90.17	3.162	0.0031
	90.17	3.162	0.0031
DiaS-546	90.14	3.156	0.0032
	90.16	3.158	0.0031
DiaS-547	90.22	3.160	0.0030
	90.15	3.163	0.0032
DiaS-548	90.15	3.161	0.0032
	90.03	3.161	0.0034
DiaS-549	90.12	3.160	0.0032
	90.18	3.154	0.0031
DiaS-550	90.03	3.150	0.0034
	90.16	3.152	0.0031
DiaS-551	90.13	3.146	0.0032
	90.17	3.144	0.0031
DiaS-552	90.05	3.134	0.0034
	90.15	3.132	0.0032
DiaS-553	90.14	3.138	0.0032
	90.26	3.138	0.0030
DiaS-554	90.19	3.148	0.0031
	90.17	3.150	0.0031
DiaS-555	90.21	3.158	0.0031
	90.21	3.157	0.0031
DiaS-556	90.16	3.161	0.0031
	90.16	3.161	0.0031
DiaS-557	90.05	3.162	0.0033
	90.14	3.162	0.0032
DiaS-558	90.11	3.156	0.0032
	90.10	3.159	0.0032
DiaS-559	90.13	3.161	0.0032
	90.12	3.159	0.0032
DiaS-560	90.16	3.158	0.0031
	90.18	3.158	0.0031
DiaS-561	90.11	3.157	0.0032
	90.22	3.155	0.0030
DiaS-562	90.07	3.152	0.0033
	90.20	3.150	0.0031
DiaS-563	90.07	3.146	0.0033
	90.15	3.143	0.0032
DiaS-564	90.15	3.132	0.0032
	89.99	3.131	0.0035
DiaS-565	90.18	3.126	0.0031
	90.23	3.133	0.0030
DiaS-566	90.15	3.131	0.0032
	90.17	3.141	0.0031
DiaS-567	90.21	3.146	0.0031
	90.17	3.145	0.0031
DiaS-568	90.24	3.153	0.0030
	90.26	3.155	0.0030
DiaS-569	90.24	3.163	0.0030
	90.26	3.161	0.0030
DiaS-570	90.32	3.156	0.0029
	90.25	3.171	0.0030
DiaS-571	90.23	3.157	0.0030
	90.29	3.156	0.0029
DiaS-572	90.1	3.156	0.0032
	90.28	3.157	0.0029
DiaS-573	90.22	3.160	0.0030
	90.27	3.162	0.0029
DiaS-574	90.30	3.159	0.0029
	90.27	3.160	0.0029
DiaS-575	90.24	3.153	0.0030
	90.31	3.154	0.0029
DiaS-576	90.33	3.141	0.0029
	90.24	3.137	0.0030
	min FeO	max FeO	
	0.0029	0.0038	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-577	90.15	3.164	0.0032
	90.01	3.167	0.0034
DiaS-578	90.13	3.165	0.0032
	90.06	3.161	0.0033
DiaS-579	90.15	3.156	0.0032
	90.10	3.161	0.0032
DiaS-580	90.25	3.152	0.0030
	90.21	3.149	0.0031
DiaS-581	90.19	3.145	0.0031
	90.23	3.147	0.0030
DiaS-582	90.33	3.140	0.0029
	90.25	3.138	0.0030
DiaS-583	90.20	3.136	0.0031
	90.26	3.139	0.0030
DiaS-584	90.29	3.139	0.0029
	90.17	3.140	0.0031
DiaS-585	90.31	3.135	0.0029
	90.20	3.132	0.0031
DiaS-586	90.15	3.131	0.0032
	90.30	3.128	0.0029
DiaS-587	90.24	3.123	0.0030
	90.26	3.126	0.0030
DiaS-588	90.36	3.126	0.0028
	90.35	3.127	0.0028
DiaS-589	90.23	3.161	0.0030
	90.11	3.165	0.0032
DiaS-590	90.02	3.163	0.0034
	90.05	3.162	0.0033
DiaS-591	90.08	3.159	0.0033
	90.11	3.161	0.0032
DiaS-592	90.07	3.156	0.0033
	90.11	3.149	0.0032
DiaS-593	90.11	3.154	0.0032
	90.12	3.149	0.0032
DiaS-594	90.03	3.148	0.0034
	90.18	3.140	0.0031
DiaS-595	90.11	3.137	0.0032
	90.03	3.139	0.0034
DiaS-596	90.09	3.135	0.0033
	90.16	3.139	0.0032
DiaS-597	90.01	3.128	0.0034
	89.83	3.133	0.0037
DiaS-598	90.09	3.133	0.0033
	90.13	3.131	0.0032
DiaS-599	90.12	3.119	0.0032
	90.16	3.121	0.0032
DiaS-600	90.11	3.126	0.0033
	90.14	3.122	0.0032
DiaS-601	90.25	3.169	0.0030
	90.18	3.170	0.0031
DiaS-602	89.86	3.165	0.0037
	90.11	3.165	0.0032
DiaS-603	90.15	3.161	0.0032
	90.13	3.161	0.0032
DiaS-604	90.18	3.157	0.0031
	90.10	3.158	0.0032
DiaS-605	90.09	3.153	0.0033
	90.02	3.156	0.0034
DiaS-606	90.11	3.150	0.0032
	90.18	3.149	0.0031
DiaS-607	90.30	3.145	0.0029
	90.19	3.145	0.0031
DiaS-608	90.20	3.142	0.0031
	90.16	3.141	0.0032
DiaS-609	90.19	3.140	0.0031
	90.25	3.138	0.0030
DiaS-610	90.30	3.134	0.0029
	90.23	3.134	0.0030
DiaS-611	90.15	3.129	0.0032
	90.10	3.130	0.0033
DiaS-612	89.99	3.126	0.0035
	90.07	3.13	0.0033
Mean DiaS-Scheibe 9	**90.19**	**3.144**	**0.0031**
Std.-dev.	0.124	0.0140	0.00021
		Min	0.0027
		Max	0.0038

Sample name	%T 1000nm	d in mm	% FeO
DiaS-613	90.28	3.165	0.0029
	90.23	3.164	0.0030
DiaS-614	90.26	3.172	0.0030
	90.28	3.160	0.0029
DiaS-615	90.26	3.161	0.0030
	90.31	3.160	0.0029
DiaS-616	90.32	3.158	0.0029
	90.38	3.154	0.0028
DiaS-617	90.26	3.149	0.0030
	90.36	3.152	0.0028
DiaS-618	90.35	3.145	0.0028
	90.39	3.144	0.0028
DiaS-619	90.27	3.142	0.0030
	90.29	3.139	0.0029
DiaS-620	90.34	3.139	0.0028
	90.38	3.142	0.0028
DiaS-621	90.29	3.132	0.0029
	90.38	3.134	0.0028
DiaS-622	90.33	3.131	0.0029
	90.27	3.129	0.0030
DiaS-623	90.41	3.128	0.0027
	90.41	3.126	0.0027
DiaS-624	90.36	3.132	0.0028
	90.31	3.124	0.0029
DiaS-625	89.93	3.170	0.0035
	90.10	3.170	0.0032
DiaS-626	90.05	3.163	0.0033
	89.95	3.162	0.0035
DiaS-627	89.79	3.164	0.0038
	89.86	3.163	0.0037
DiaS-628	89.99	3.160	0.0034
	89.96	3.151	0.0035
DiaS-629	89.95	3.154	0.0035
	90.27	3.152	0.0030
DiaS-630	90.26	3.143	0.0030
	90.18	3.147	0.0031
DiaS-631	90.32	3.142	0.0029
	90.34	3.142	0.0028
DiaS-632	90.31	3.142	0.0029
	90.33	3.138	0.0029
DiaS-633	90.30	3.134	0.0029
	90.33	3.135	0.0029
DiaS-634	90.35	3.134	0.0028
	90.08	3.133	0.0033
DiaS-635	90.33	3.128	0.0029
	90.33	3.129	0.0029
DiaS-636	90.30	3.127	0.0029
	90.30	3.126	0.0029
DiaS-637	90.26	3.124	0.0030
	90.26	3.128	0.0030
DiaS-638	90.26	3.128	0.0030
	90.25	3.123	0.0030
DiaS-639	90.23	3.122	0.0031
	90.27	3.122	0.0030
DiaS-640	90.23	3.133	0.0030
	90.34	3.136	0.0028
DiaS-641	90.35	3.135	0.0028
	90.27	3.134	0.0030
DiaS-642	90.22	3.136	0.0031
	90.21	3.136	0.0031
DiaS-643	90.20	3.143	0.0031
	90.23	3.142	0.0030
DiaS-644	90.22	3.143	0.0030
	90.21	3.142	0.0031
DiaS-645	90.13	3.151	0.0032
	90.16	3.150	0.0031
DiaS-646	90.21	3.155	0.0031
	90.22	3.157	0.0030
DiaS-647	90.18	3.155	0.0031
	90.21	3.157	0.0031
DiaS-648	90.23	3.163	0.0030
	90.24	3.165	0.0030
	min FeO	max FeO	
	0.0027	0.0038	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-649	90.01	3.132	0.0034
	90.12	3.139	0.0032
DiaS-650	90.12	3.133	0.0032
	90.06	3.138	0.0033
DiaS-651	90.13	3.136	0.0032
	90.15	3.139	0.0032
DiaS-652	90.03	3.133	0.0034
	90.16	3.138	0.0032
DiaS-653	90.12	3.133	0.0032
	90.16	3.138	0.0032
DiaS-654	90.12	3.134	0.0032
	90.16	3.136	0.0032
DiaS-655	90.14	3.132	0.0032
	90.15	3.137	0.0032
DiaS-656	90.22	3.132	0.0031
	90.07	3.136	0.0033
DiaS-657	90.28	3.129	0.0030
	90.21	3.137	0.0031
DiaS-658	90.11	3.132	0.0033
	90.15	3.136	0.0032
DiaS-659	90.00	3.132	0.0034
	90.21	3.136	0.0031
DiaS-660	90.11	3.132	0.0033
	90.21	3.138	0.0031
DiaS-661	90.03	3.138	0.0034
	90.05	3.141	0.0033
DiaS-662	90.18	3.139	0.0031
	90.16	3.141	0.0032
DiaS-663	90.16	3.139	0.0032
	90.22	3.140	0.0031
DiaS-664	90.15	3.140	0.0032
	90.10	3.141	0.0033
DiaS-665	90.15	3.138	0.0032
	90.18	3.140	0.0031
DiaS-666	90.14	3.137	0.0032
	90.18	3.140	0.0031
DiaS-667	90.13	3.137	0.0032
	90.17	3.140	0.0031
DiaS-668	90.15	3.139	0.0032
	90.16	3.140	0.0032
DiaS-669	90.09	3.138	0.0033
	90.06	3.138	0.0033
DiaS-670	90.19	3.139	0.0031
	90.09	3.138	0.0033
DiaS-671	90.16	3.138	0.0032
	90.14	3.137	0.0032
DiaS-672	90.03	3.138	0.0034
	90.10	3.138	0.0033
DiaS-673	90.23	3.140	0.0030
	90.29	3.133	0.0029
DiaS-674	90.29	3.139	0.0029
	90.18	3.131	0.0031
DiaS-675	90.19	3.139	0.0031
	90.28	3.130	0.0030
DiaS-676	90.18	3.139	0.0031
	90.23	3.132	0.0030
DiaS-677	90.15	3.140	0.0032
	90.22	3.131	0.0031
DiaS-678	90.19	3.139	0.0031
	90.22	3.134	0.0031
DiaS-679	90.22	3.140	0.0031
	90.20	3.133	0.0031
DiaS-680	90.10	3.138	0.0033
	90.23	3.132	0.0030
DiaS-681	90.13	3.136	0.0032
	90.21	3.132	0.0031
DiaS-682	90.02	3.136	0.0034
	90.22	3.132	0.0031
DiaS-683	90.13	3.136	0.0032
	90.20	3.129	0.0031
DiaS-684	90.20	3.136	0.0031
	90.22	3.13	0.0031
Mean DiaS-Scheibe 10	**90.15**	**3.118**	**0.0032**
Std.-dev.	0.077	0.0223	0.00014
		Min	0.0029
		Max	0.0038

Sample name	%T 1000nm	d in mm	% FeO
DiaS-685	90.23	3.127	0.0030
	90.14	3.110	0.0032
DiaS-686	90.04	3.129	0.0034
	90.25	3.109	0.0030
DiaS-687	90.23	3.124	0.0031
	90.28	3.112	0.0030
DiaS-688	90.26	3.126	0.0030
	90.27	3.111	0.0030
DiaS-689	90.26	3.121	0.0030
	90.01	3.113	0.0035
DiaS-690	90.34	3.125	0.0029
	90.26	3.110	0.0030
DiaS-691	90.04	3.125	0.0034
	90.16	3.116	0.0032
DiaS-692	90.19	3.123	0.0031
	90.16	3.110	0.0032
DiaS-693	90.14	3.127	0.0032
	90.11	3.109	0.0033
DiaS-694	90.13	3.120	0.0032
	90.08	3.112	0.0033
DiaS-695	90.17	3.123	0.0032
	90.13	3.110	0.0032
DiaS-696	90.13	3.124	0.0032
	90.09	3.107	0.0033
DiaS-697	90.10	3.104	0.0033
	90.03	3.088	0.0034
DiaS-698	90.14	3.103	0.0032
	90.05	3.089	0.0034
DiaS-699	89.98	3.104	0.0035
	89.85	3.092	0.0038
DiaS-700	90.06	3.103	0.0034
	90.01	3.092	0.0035
DiaS-701	90.05	3.105	0.0034
	90.03	3.094	0.0034
DiaS-702	90.02	3.111	0.0034
	90.15	3.093	0.0032
DiaS-703	90.10	3.103	0.0033
	90.09	3.095	0.0033
DiaS-704	90.12	3.107	0.0033
	90.16	3.094	0.0032
DiaS-705	90.19	3.103	0.0031
	90.16	3.090	0.0032
DiaS-706	90.17	3.101	0.0032
	90.18	3.089	0.0032
DiaS-707	90.17	3.104	0.0032
	90.11	3.090	0.0033
DiaS-708	90.12	3.108	0.0033
	90.12	3.092	0.0033
DiaS-709	90.12	3.086	0.0033
	90.21	3.072	0.0031
DiaS-710	90.21	3.086	0.0031
	90.17	3.072	0.0032
DiaS-711	90.18	3.086	0.0032
	90.26	3.072	0.0030
DiaS-712	90.20	3.087	0.0031
	90.27	3.072	0.0030
DiaS-713	90.25	3.088	0.0031
	90.20	3.070	0.0032
DiaS-714	90.18	3.088	0.0032
	90.24	3.071	0.0031
DiaS-715	90.12	3.089	0.0033
	90.22	3.074	0.0031
DiaS-716	90.04	3.089	0.0034
	90.21	3.075	0.0031
DiaS-717	90.18	3.087	0.0032
	90.20	3.074	0.0032
DiaS-718	90.17	3.089	0.0032
	90.19	3.075	0.0032
DiaS-719	90.19	3.090	0.0032
	90.23	3.077	0.0031
DiaS-720	90.20	3.089	0.0031
	90.29	3.081	0.0030
	min FeO	max FeO	
	0.0029	0.0038	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-721	90.19	3.136	0.0031
	90.29	3.121	0.0029
DiaS-722	90.21	3.133	0.0031
	90.21	3.120	0.0031
DiaS-723	90.24	3.133	0.0030
	90.28	3.121	0.0030
DiaS-724	90.23	3.133	0.0030
	90.27	3.120	0.0030
DiaS-725	90.24	3.134	0.0030
	90.20	3.120	0.0031
DiaS-726	90.24	3.132	0.0030
	90.31	3.120	0.0029
DiaS-727	90.25	3.132	0.0030
	90.27	3.121	0.0030
DiaS-728	90.26	3.133	0.0030
	90.24	3.119	0.0030
DiaS-729	90.08	3.135	0.0033
	90.21	3.119	0.0031
DiaS-730	90.23	3.133	0.0030
	90.21	3.119	0.0031
DiaS-731	90.20	3.133	0.0031
	90.32	3.119	0.0029
DiaS-732	90.15	3.132	0.0032
	90.24	3.118	0.0030
DiaS-733	90.10	3.119	0.0033
	90.25	3.111	0.0030
DiaS-734	89.97	3.119	0.0035
	90.15	3.109	0.0032
DiaS-735	90.10	3.122	0.0033
	90.10	3.108	0.0033
DiaS-736	90.02	3.118	0.0034
	90.21	3.110	0.0031
DiaS-737	90.04	3.117	0.0034
	90.18	3.113	0.0031
DiaS-738	90.25	3.117	0.0030
	90.22	3.114	0.0031
DiaS-739	90.18	3.117	0.0031
	90.24	3.109	0.0030
DiaS-740	90.20	3.116	0.0031
	90.20	3.109	0.0031
DiaS-741	90.21	3.117	0.0031
	90.25	3.109	0.0030
DiaS-742	90.23	3.116	0.0031
	90.23	3.108	0.0031
DiaS-743	90.25	3.117	0.0030
	90.10	3.110	0.0033
DiaS-744	90.24	3.116	0.0030
	90.20	3.109	0.0031
DiaS-745	90.15	3.109	0.0032
	90.09	3.109	0.0033
DiaS-746	90.23	3.110	0.0031
	90.24	3.109	0.0030
DiaS-747	90.17	3.108	0.0032
	90.17	3.108	0.0032
DiaS-748	90.24	3.108	0.0030
	90.15	3.109	0.0032
DiaS-749	90.03	3.108	0.0034
	90.15	3.108	0.0032
DiaS-750	90.23	3.110	0.0031
	90.20	3.109	0.0031
DiaS-751	90.08	3.110	0.0033
	90.19	3.110	0.0031
DiaS-752	89.97	3.109	0.0035
	90.05	3.110	0.0034
DiaS-753	90.17	3.108	0.0032
	90.19	3.109	0.0031
DiaS-754	90.22	3.107	0.0031
	90.25	3.108	0.0030
DiaS-755	89.99	3.109	0.0035
	90.19	3.108	0.0031
DiaS-756	90.21	3.108	0.0031
	90.24	3.105	0.0031
Mean DiaS-Scheibe 11	**90.15**	**3.117**	**0.0032**
Std.-dev.	0.093	0.0077	0.00016
		Min	0.0029
		Max	0.0041

Sample name	%T 1000nm	d in mm	% FeO
DiaS-757	90.17	3.113	0.0032
	90.14	3.107	0.0032
DiaS-758	90.18	3.111	0.0032
	90.18	3.108	0.0032
DiaS-759	90.16	3.111	0.0032
	90.20	3.107	0.0031
DiaS-760	90.12	3.111	0.0033
	90.19	3.107	0.0031
DiaS-761	90.18	3.110	0.0032
	90.17	3.110	0.0032
DiaS-762	90.15	3.112	0.0032
	90.07	3.109	0.0033
DiaS-763	89.98	3.113	0.0035
	90.07	3.108	0.0033
DiaS-764	90.20	3.110	0.0031
	90.19	3.109	0.0031
DiaS-765	90.16	3.111	0.0032
	90.22	3.108	0.0031
DiaS-766	90.16	3.110	0.0032
	90.23	3.108	0.0031
DiaS-767	89.97	3.109	0.0035
	90.16	3.108	0.0032
DiaS-768	90.04	3.112	0.0034
	90.27	3.107	0.0030
DiaS-769	90.10	3.121	0.0033
	90.08	3.114	0.0033
DiaS-770	90.15	3.120	0.0032
	90.21	3.117	0.0031
DiaS-771	90.23	3.121	0.0031
	90.23	3.114	0.0031
DiaS-772	90.18	3.120	0.0031
	90.19	3.112	0.0031
DiaS-773	90.18	3.120	0.0031
	90.01	3.114	0.0034
DiaS-774	90.12	3.122	0.0032
	90.16	3.119	0.0032
DiaS-775	90.17	3.121	0.0032
	90.12	3.116	0.0033
DiaS-776	89.84	3.122	0.0037
	90.15	3.117	0.0032
DiaS-777	90.08	3.122	0.0033
	90.16	3.115	0.0032
DiaS-778	90.10	3.123	0.0033
	90.23	3.115	0.0031
DiaS-779	90.19	3.125	0.0031
	90.17	3.115	0.0032
DiaS-780	90.09	3.125	0.0033
	90.17	3.115	0.0032
DiaS-781	90.13	3.126	0.0032
	89.62	3.121	0.0041
DiaS-782	90.08	3.125	0.0033
	90.18	3.119	0.0031
DiaS-783	90.11	3.126	0.0033
	90.16	3.119	0.0032
DiaS-784	90.13	3.124	0.0032
	90.17	3.121	0.0032
DiaS-785	90.06	3.125	0.0033
	90.11	3.119	0.0033
DiaS-786	90.14	3.125	0.0032
	90.14	3.120	0.0032
DiaS-787	90.13	3.125	0.0032
	89.93	3.119	0.0036
DiaS-788	90.07	3.126	0.0033
	90.10	3.120	0.0033
DiaS-789	90.14	3.126	0.0032
	90.11	3.119	0.0033
DiaS-790	90.11	3.126	0.0033
	90.16	3.119	0.0032
DiaS-791	90.02	3.125	0.0034
	90.06	3.118	0.0034
DiaS-792	90.01	3.124	0.0034
	90.08	3.120	0.0033
	min FeO	max FeO	
	0.0029	0.0041	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-793	90.25	3.124	0.0030
	90.21	3.127	0.0031
DiaS-794	90.15	3.125	0.0032
	90.12	3.126	0.0032
DiaS-795	90.26	3.124	0.0030
	90.17	3.125	0.0032
DiaS-796	90.22	3.124	0.0031
	90.21	3.123	0.0031
DiaS-797	89.81	3.124	0.0038
	90.07	3.125	0.0033
DiaS-798	90.10	3.123	0.0033
	90.19	3.123	0.0031
DiaS-799	90.09	3.120	0.0033
	90.14	3.116	0.0032
DiaS-800	90.17	3.118	0.0032
	90.16	3.117	0.0032
DiaS-801	90.27	3.117	0.0030
	90.19	3.119	0.0031
DiaS-802	90.18	3.117	0.0031
	90.20	3.114	0.0031
DiaS-803	90.24	3.119	0.0030
	90.16	3.118	0.0032
DiaS-804	90.26	3.117	0.0030
	90.21	3.117	0.0031
DiaS-805	90.11	3.116	0.0033
	90.14	3.108	0.0032
DiaS-806	90.16	3.117	0.0032
	90.22	3.109	0.0031
DiaS-807	90.15	3.117	0.0032
	90.21	3.109	0.0031
DiaS-808	90.07	3.117	0.0033
	89.78	3.117	0.0039
DiaS-809	89.72	3.111	0.0040
	90.14	3.118	0.0032
DiaS-810	89.98	3.110	0.0035
	90.24	3.120	0.0030
DiaS-811	90.26	3.118	0.0030
	90.28	3.110	0.0030
DiaS-812	90.26	3.117	0.0030
	90.27	3.110	0.0030
DiaS-813	90.09	3.119	0.0033
	90.25	3.109	0.0030
DiaS-814	90.23	3.118	0.0031
	90.28	3.109	0.0030
DiaS-815	90.21	3.117	0.0031
	90.18	3.110	0.0032
DiaS-816	90.27	3.117	0.0030
	90.26	3.110	0.0030
DiaS-817	89.74	3.107	0.0039
	90.22	3.105	0.0031
DiaS-818	90.26	3.107	0.0030
	90.17	3.106	0.0032
DiaS-819	89.81	3.108	0.0038
	90.17	3.108	0.0032
DiaS-820	90.24	3.109	0.0030
	90.22	3.108	0.0031
DiaS-821	90.17	3.107	0.0032
	90.21	3.108	0.0031
DiaS-822	90.21	3.108	0.0031
	90.23	3.108	0.0031
DiaS-823	90.26	3.108	0.0030
	90.30	3.109	0.0029
DiaS-824	89.94	3.115	0.0036
	89.86	3.109	0.0037
DiaS-825	90.22	3.110	0.0031
	90.18	3.108	0.0032
DiaS-826	90.17	3.110	0.0032
	90.24	3.108	0.0030
DiaS-827	90.25	3.110	0.0030
	90.08	3.110	0.0033
DiaS-828	90.21	3.109	0.0031
	90.31	3.108	0.0029
Mean DiaS-Scheibe 12	**90.13**	**3.115**	**0.0032**
Std.-dev.	0.123	0.0061	0.00022
		Min	0.0029
		Max	0.0040

Sample name	%T 1000nm	d in mm	% FeO
DiaS-829	90.05	3.105	0.0034
	90.15	3.109	0.0032
DiaS-830	90.24	3.106	0.0031
	90.17	3.112	0.0032
DiaS-831	90.15	3.107	0.0032
	90.12	3.110	0.0033
DiaS-832	89.82	3.109	0.0038
	90.11	3.110	0.0033
DiaS-833	90.05	3.107	0.0034
	90.17	3.111	0.0032
DiaS-834	89.90	3.109	0.0037
	90.07	3.118	0.0033
DiaS-835	89.99	3.110	0.0035
	90.12	3.116	0.0033
DiaS-836	90.02	3.110	0.0034
	90.10	3.113	0.0033
DiaS-837	90.09	3.110	0.0033
	90.09	3.112	0.0033
DiaS-838	90.08	3.110	0.0033
	90.09	3.111	0.0033
DiaS-839	90.14	3.110	0.0032
	90.07	3.113	0.0033
DiaS-840	90.13	3.112	0.0032
	90.01	3.113	0.0035
DiaS-841	90.16	3.110	0.0032
	90.15	3.117	0.0032
DiaS-842	90.18	3.108	0.0032
	90.15	3.115	0.0032
DiaS-843	90.13	3.109	0.0032
	90.24	3.115	0.0030
DiaS-844	90.04	3.109	0.0034
	89.86	3.117	0.0037
DiaS-845	90.06	3.110	0.0034
	89.88	3.117	0.0037
DiaS-846	90.27	3.112	0.0030
	90.20	3.116	0.0031
DiaS-847	90.13	3.113	0.0032
	90.17	3.116	0.0032
DiaS-848	90.13	3.112	0.0032
	90.26	3.118	0.0030
DiaS-849	90.19	3.111	0.0031
	90.22	3.117	0.0031
DiaS-850	89.87	3.111	0.0037
	90.05	3.117	0.0034
DiaS-851	90.18	3.108	0.0032
	89.91	3.117	0.0036
DiaS-852	90.21	3.110	0.0031
	90.03	3.112	0.0034
DiaS-853	90.26	3.119	0.0030
	90.21	3.124	0.0031
DiaS-854	90.00	3.119	0.0035
	90.21	3.127	0.0031
DiaS-855	90.26	3.119	0.0030
	90.17	3.125	0.0032
DiaS-856	90.20	3.119	0.0031
	90.02	3.124	0.0034
DiaS-857	90.19	3.122	0.0031
	90.20	3.126	0.0031
DiaS-858	90.22	3.120	0.0031
	90.18	3.125	0.0031
DiaS-859	90.18	3.120	0.0031
	90.16	3.126	0.0032
DiaS-860	89.95	3.123	0.0035
	90.19	3.126	0.0031
DiaS-861	89.90	3.121	0.0036
	90.12	3.126	0.0032
DiaS-862	89.95	3.121	0.0035
	90.25	3.126	0.0030
DiaS-863	90.15	3.120	0.0032
	90.24	3.129	0.0030
DiaS-864	90.07	3.119	0.0033
	90.11	3.127	0.0033
	min FeO	max FeO	
	0.0029	0.0040	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-865	89.97	3.135	0.0035
	90.25	3.138	0.0030
DiaS-866	90.35	3.148	0.0028
	90.24	3.149	0.0030
DiaS-867	90.10	3.157	0.0032
	90.18	3.156	0.0031
DiaS-868	90.17	3.160	0.0031
	90.03	3.160	0.0034
DiaS-869	90.02	3.163	0.0034
	90.28	3.163	0.0029
DiaS-870	90.40	3.161	0.0027
	90.17	3.160	0.0031
DiaS-871	90.36	3.159	0.0028
	90.09	3.158	0.0033
DiaS-872	90.39	3.163	0.0027
	90.20	3.162	0.0031
DiaS-873	89.89	3.164	0.0036
	90.32	3.158	0.0029
DiaS-874	90.17	3.156	0.0031
	90.08	3.156	0.0033
DiaS-875	90.27	3.150	0.0030
	90.25	3.148	0.0030
DiaS-876	90.31	3.144	0.0029
	90.27	3.142	0.0030
DiaS-877	90.41	3.136	0.0027
	90.34	3.137	0.0028
DiaS-878	90.35	3.148	0.0028
	90.38	3.148	0.0028
DiaS-879	90.32	3.156	0.0029
	90.31	3.156	0.0029
DiaS-880	90.15	3.159	0.0032
	90.11	3.159	0.0032
DiaS-881	90.40	3.161	0.0027
	90.36	3.162	0.0028
DiaS-882	90.37	3.158	0.0028
	90.45	3.158	0.0026
DiaS-883	90.38	3.159	0.0028
	90.38	3.160	0.0028
DiaS-884	90.39	3.163	0.0027
	90.34	3.163	0.0028
DiaS-885	90.37	3.157	0.0028
	90.36	3.157	0.0028
DiaS-886	90.11	3.152	0.0032
	90.18	3.152	0.0031
DiaS-887	90.41	3.144	0.0027
	90.43	3.147	0.0027
DiaS-888	90.39	3.134	0.0028
	90.47	3.134	0.0026
DiaS-889	90.45	3.137	0.0027
	90.51	3.137	0.0025
DiaS-890	90.45	3.145	0.0026
	90.43	3.146	0.0027
DiaS-891	90.36	3.155	0.0028
	90.32	3.154	0.0029
DiaS-892	90.17	3.150	0.0031
	90.09	3.158	0.0033
DiaS-893	90.47	3.160	0.0026
	90.32	3.158	0.0029
DiaS-894	90.47	3.148	0.0026
	90.32	3.156	0.0029
DiaS-895	90.52	3.157	0.0025
	90.53	3.154	0.0025
DiaS-896	90.40	3.154	0.0027
	90.48	3.154	0.0026
DiaS-897	90.44	3.151	0.0027
	90.41	3.148	0.0027
DiaS-898	90.24	3.144	0.0030
	90.25	3.141	0.0030
DiaS-899	90.50	3.138	0.0026
	90.47	3.133	0.0026
DiaS-900	90.58	3.125	0.0024
	90.64	3.121	0.0023
Mean DiaS-Scheibe 13	**90.33**	**3.151**	**0.0028**
Std.-dev.	0.145	0.0098	0.00025
		Min	0.0023
		Max	0.0036

Sample name	%T 1000nm	d in mm	% FeO
DiaS-901	90.40	3.136	0.0027
	90.43	3.133	0.0027
DiaS-902	90.41	3.146	0.0027
	90.37	3.147	0.0028
DiaS-903	90.35	3.156	0.0028
	90.39	3.157	0.0027
DiaS-904	90.15	3.157	0.0032
	90.19	3.161	0.0031
DiaS-905	90.33	3.159	0.0028
	90.43	3.159	0.0027
DiaS-906	90.32	3.157	0.0029
	90.42	3.156	0.0027
DiaS-907	90.38	3.159	0.0028
	90.45	3.160	0.0026
DiaS-908	90.25	3.160	0.0030
	90.40	3.160	0.0027
DiaS-909	90.26	3.157	0.0030
	90.34	3.156	0.0028
DiaS-910	90.19	3.148	0.0031
	90.25	3.151	0.0030
DiaS-911	90.45	3.145	0.0026
	90.33	3.145	0.0029
DiaS-912	90.39	3.131	0.0028
	90.52	3.131	0.0025
DiaS-913	90.42	3.133	0.0027
	90.48	3.133	0.0026
DiaS-914	90.29	3.146	0.0029
	90.56	3.146	0.0025
DiaS-915	90.46	3.156	0.0026
	90.41	3.155	0.0027
DiaS-916	90.20	3.160	0.0031
	90.16	3.159	0.0031
DiaS-917	90.36	3.159	0.0028
	90.50	3.158	0.0025
DiaS-918	90.44	3.158	0.0027
	90.49	3.158	0.0026
DiaS-919	90.53	3.161	0.0025
	90.42	3.160	0.0027
DiaS-920	90.42	3.159	0.0027
	90.39	3.159	0.0027
DiaS-921	90.23	3.156	0.0030
	90.35	3.156	0.0028
DiaS-922	90.13	3.152	0.0032
	90.32	3.151	0.0029
DiaS-923	90.32	3.142	0.0029
	90.28	3.146	0.0029
DiaS-924	90.64	3.131	0.0023
	90.64	3.132	0.0023
DiaS-925	90.33	3.134	0.0029
	90.32	3.135	0.0029
DiaS-926	90.35	3.148	0.0028
	90.35	3.148	0.0028
DiaS-927	90.33	3.156	0.0028
	90.39	3.156	0.0027
DiaS-928	90.04	3.160	0.0033
	90.01	3.162	0.0034
DiaS-929	90.41	3.160	0.0027
	90.38	3.159	0.0028
DiaS-930	90.44	3.159	0.0027
	89.95	3.159	0.0035
DiaS-931	90.46	3.161	0.0026
	90.37	3.160	0.0028
DiaS-932	90.06	3.160	0.0033
	90.18	3.159	0.0031
DiaS-933	90.15	3.157	0.0032
	90.24	3.157	0.0030
DiaS-934	90.21	3.150	0.0031
	90.21	3.152	0.0031
DiaS-935	90.35	3.146	0.0028
	90.47	3.146	0.0026
DiaS-936	90.59	3.133	0.0024
	90.46	3.132	0.0026
	min FeO	max FeO	
	0.0023	0.0036	

Sample name	%T 1000nm	d in mm	% FeO
DiaS-937	90.27	3.132	0.0030
	90.24	3.119	0.0030
DiaS-938	90.10	3.131	0.0033
	90.16	3.118	0.0032
DiaS-939	89.88	3.132	0.0037
	90.21	3.117	0.0031
DiaS-940	90.21	3.133	0.0031
	90.13	3.118	0.0032
DiaS-941	90.18	3.132	0.0031
	90.22	3.114	0.0031
DiaS-942	90.24	3.133	0.0030
	90.22	3.118	0.0031
DiaS-943	90.20	3.133	0.0031
	90.14	3.118	0.0032
DiaS-944	90.24	3.133	0.0030
	90.27	3.118	0.0030
DiaS-945	90.13	3.132	0.0032
	90.21	3.188	0.0030
DiaS-946	90.25	3.132	0.0030
	90.22	3.119	0.0031
DiaS-947	90.17	3.132	0.0031
	90.19	3.118	0.0031
DiaS-948	90.17	3.132	0.0031
	90.11	3.118	0.0033
DiaS-949	90.08	3.112	0.0033
	90.21	3.107	0.0031
DiaS-950	90.15	3.114	0.0032
	90.19	3.105	0.0031
DiaS-951	90.20	3.112	0.0031
	90.24	3.105	0.0031
DiaS-952	90.20	3.110	0.0031
	90.22	3.106	0.0031
DiaS-953	90.21	3.114	0.0031
	90.25	3.107	0.0030
DiaS-954	90.26	3.118	0.0030
	90.29	3.106	0.0030
DiaS-955	90.27	3.111	0.0030
	90.17	3.105	0.0032
DiaS-956	90.28	3.117	0.0030
	90.05	3.105	0.0034
DiaS-957	90.24	3.110	0.0030
	90.18	3.103	0.0032
DiaS-958	90.25	3.111	0.0030
	90.25	3.102	0.0030
DiaS-959	90.24	3.112	0.0030
	90.23	3.102	0.0031
DiaS-960	90.19	3.110	0.0031
	90.26	3.102	0.0030
DiaS-961	90.04	3.108	0.0034
	90.21	3.112	0.0031
DiaS-962	90.11	3.109	0.0033
	90.14	3.110	0.0032
DiaS-963	90.00	3.109	0.0035
	90.18	3.108	0.0032
DiaS-964	89.70	3.109	0.0040
	89.92	3.108	0.0036
DiaS-965	89.87	3.108	0.0037
	90.17	3.109	0.0032
DiaS-966	89.92	3.109	0.0036
	90.01	3.109	0.0035
DiaS-967	90.05	3.108	0.0034
	90.23	3.109	0.0031
DiaS-968	90.06	3.108	0.0034
	90.07	3.109	0.0033
DiaS-969	90.01	3.110	0.0035
	90.17	3.109	0.0032
DiaS-970	90.09	3.110	0.0033
	90.13	3.113	0.0032
DiaS-971	90.13	3.108	0.0032
	90.18	3.108	0.0032
DiaS-972	90.13	3.107	0.0032
	90.19	3.108	0.0031
Mean DiaS-Scheibe 14	**90.17**	**3.113**	**0.0032**
Std.-dev.	0.091	0.0103	0.00016
		Min	0.0030
		Max	0.0040

Sample name	%T 1000nm	d in mm	% FeO
DiaS-973	90.21	3.104	0.0031
	90.22	3.112	0.0031
DiaS-974	90.21	3.107	0.0031
	90.20	3.107	0.0031
DiaS-975	90.19	3.104	0.0031
	90.15	3.104	0.0032
DiaS-976	90.16	3.105	0.0032
	90.20	3.106	0.0031
DiaS-977	90.10	3.108	0.0033
	90.05	3.105	0.0034
DiaS-978	90.15	3.103	0.0032
	90.22	3.111	0.0031
DiaS-979	90.19	3.102	0.0031
	90.17	3.104	0.0032
DiaS-980	90.12	3.104	0.0033
	90.12	3.106	0.0033
DiaS-981	90.12	3.105	0.0033
	90.19	3.104	0.0031
DiaS-982	90.09	3.104	0.0033
	90.18	3.108	0.0032
DiaS-983	90.19	3.106	0.0031
	90.19	3.105	0.0031
DiaS-984	90.23	3.107	0.0031
	90.18	3.113	0.0031
DiaS-985	90.23	3.108	0.0031
	90.19	3.108	0.0031
DiaS-986	90.22	3.102	0.0031
	90.21	3.109	0.0031
DiaS-987	90.20	3.106	0.0031
	90.17	3.115	0.0032
DiaS-988	90.18	3.107	0.0032
	90.27	3.109	0.0030
DiaS-989	90.22	3.102	0.0031
	90.28	3.114	0.0030
DiaS-990	90.25	3.104	0.0030
	90.29	3.118	0.0030
DiaS-991	90.20	3.108	0.0031
	90.18	3.108	0.0032
DiaS-992	90.23	3.104	0.0031
	90.22	3.113	0.0031
DiaS-993	90.23	3.105	0.0031
	90.23	3.112	0.0031
DiaS-994	90.16	3.103	0.0032
	90.20	3.109	0.0031
DiaS-995	90.26	3.105	0.0030
	90.26	3.107	0.0030
DiaS-996	90.26	3.106	0.0030
	90.29	3.108	0.0030
DiaS-997	90.06	3.114	0.0034
	90.09	3.122	0.0033
DiaS-998	90.05	3.115	0.0034
	90.10	3.121	0.0033
DiaS-999	90.16	3.114	0.0032
	89.98	3.123	0.0035
DiaS-1000	90.15	3.114	0.0032
	90.15	3.121	0.0032
DiaS-1001	90.15	3.117	0.0032
	90.02	3.121	0.0034
DiaS-1002	90.00	3.117	0.0035
	90.23	3.123	0.0031
DiaS-1003	90.19	3.118	0.0031
	90.19	3.124	0.0031
DiaS-1004	90.14	3.117	0.0032
	90.13	3.122	0.0032
DiaS-1005	90.06	3.117	0.0034
	90.20	3.122	0.0031
DiaS-1006	90.11	3.119	0.0033
	90.20	3.124	0.0031
DiaS-1007	90.20	3.115	0.0031
	90.19	3.117	0.0031
DiaS-1008	90.23	3.113	0.0031
	90.22	3.121	0.0031
	min FeO	max FeO	
	0.0030	0.0040	

Annex 2: Results of homogeneity testing, BAM-S051

Sample name	%T 1000nm	d in mm	% FeO
PLX1-A1a	72.94	5.858	0.0197
PLX1-A1b	72.98	5.861	0.0196
PLX1-A2a	72.87	5.861	0.0198
PLX1-A2b	72.86	5.860	0.0198
PLX1-B1a	72.86	5.859	0.0198
PLX1-B1b	73.00	5.859	0.0196
PLX1-B2a	72.79	5.861	0.0199
PLX1-B2b	72.87	5.86	0.0198
PLX1-C1a	72.95	5.857	0.0197
PLX1-C1b	72.97	5.856	0.0197
PLX1-C2a	72.74	5.863	0.0199
PLX1-C2b	72.86	5.864	0.0198
PLX1-D1a	72.87	5.864	0.0198
PLX1-D1b	72.94	5.856	0.0197
PLX1-D2a	72.85	5.865	0.0198
PLX1-D2b	72.73	5.863	0.0199
PLX1-2A1a	72.53	5.863	0.0202
PLX1-2A1b	72.88	5.859	0.0198
PLX1-2A2a	72.68	5.864	0.0200
PLX1-2A2b	72.58	5.865	0.0201
PLX1-2B1a	72.74	5.862	0.0199
PLX1-2B1b	72.87	5.860	0.0198
PLX1-2B2a	72.69	5.863	0.0200
PLX1-2B2b	72.64	5.865	0.0200
PLX1-2C1a	72.82	5.861	0.0198
PLX1-2C1b	72.84	5.862	0.0198
PLX1-2C2a	72.71	5.865	0.0199
PLX1-2C2b	72.65	5.860	0.0200
PLX1-2D1a	72.67	5.861	0.0200
PLX1-2D1b	72.86	5.864	0.0198
PLX1-2D2a	72.64	5.861	0.0200
PLX1-2D2b	72.64	5.861	0.0200
PLX1-3A1a	72.58	5.866	0.0201
PLX1-3A1b	72.71	5.866	0.0199
PLX1-3A2a	72.79	5.866	0.0198
PLX1-3A2b	72.33	5.869	0.0204
PLX1-3B1a	72.79	5.861	0.0199
PLX1-3B1b	72.76	5.861	0.0199
PLX1-3B2a	72.54	5.869	0.0201
PLX1-3B2b	72.74	5.867	0.0199
PLX1-3C1a	72.70	5.864	0.0200
PLX1-3C1b	72.72	5.866	0.0199
PLX1-3C2a	72.46	5.869	0.0202
PLX1-3C2b	72.80	5.866	0.0198
PLX1-3D1a	72.74	5.866	0.0199
PLX1-3D1b	72.76	5.867	0.0199
PLX1-3D2a	72.84	5.866	0.0198
PLX1-3D2b	72.70	5.866	0.0200
PLX1-4A1a	72.43	5.867	0.0203
PLX1-4A1b	72.81	5.865	0.0198
PLX1-4A2a	72.78	5.867	0.0199
PLX1-4A2b	72.57	5.864	0.0201
PLX1-4B1a	72.89	5.866	0.0197
PLX1-4B1b	72.07	5.865	0.0207
PLX1-4B2a	72.83	5.863	0.0198
PLX1-4B2b	72.79	5.868	0.0198
PLX1-4C1a	72.85	5.867	0.0198
PLX1-4C1b	72.82	5.868	0.0198
PLX1-4C2a	72.76	5.868	0.0199
PLX1-4C2b	72.84	5.864	0.0198
PLX1-4D1a	72.86	5.864	0.0198
PLX1-4D1b	72.80	5.868	0.0198
PLX1-4D2a	72.79	5.863	0.0199
PLX1-4D2b	72.87	5.863	0.0198
MW PLX Scheibe 1	**72.78**	**5.862**	**0.0199**
Std.-dev.	0.144	0.0038	0.00016

Sample name	%T 1000nm	d in mm	% FeO
PLX1-5A1a	72.91	5.864	0.0197
PLX1-5A1b	72.83	5.863	0.0198
PLX1-5A2a	72.80	5.860	0.0199
PLX1-5A2b	72.77	5.860	0.0199
PLX1-5B1a	72.86	5.864	0.0198
PLX1-5B1b	72.86	5.863	0.0198
PLX1-5B2a	72.89	5.862	0.0197
PLX1-5B2b	72.85	5.862	0.0198
PLX1-5C1a	72.94	5.863	0.0197
PLX1-5C1b	72.92	5.864	0.0197
PLX1-5C2a	72.89	5.863	0.0197
PLX1-5C2b	72.46	5.862	0.0202
PLX1-5D1a	72.85	5.861	0.0198
PLX1-5D1b	72.92	5.865	0.0197
PLX1-5D2a	72.87	5.860	0.0198
PLX1-5D2b	72.76	5.861	0.0199
PLX1-6A1a	72.86	5.863	0.0198
PLX1-6A1b	72.85	5.863	0.0198
PLX1-6A2a	72.79	5.861	0.0199
PLX1-6A2b	72.81	5.862	0.0198
PLX1-6B1a	72.79	5.864	0.0198
PLX1-6B1b	72.74	5.862	0.0199
PLX1-6B2a	72.49	5.864	0.0202
PLX1-6B2b	72.83	5.861	0.0198
PLX1-6C1a	72.56	5.861	0.0201
PLX1-6C1b	72.59	5.861	0.0201
PLX1-6C2a	72.79	5.863	0.0199
PLX1-6C2b	72.78	5.860	0.0199
PLX1-6D1a	72.71	5.863	0.0200
PLX1-6D1b	72.63	5.861	0.0201
PLX1-6D2a	72.82	5.861	0.0198
PLX1-6D2b	72.47	5.860	0.0202
PLX1-7A1a	72.84	5.865	0.0198
PLX1-7A1b	72.68	5.866	0.0200
PLX1-7A2a	72.89	5.866	0.0197
PLX1-7A2b	72.82	5.866	0.0198
PLX1-7B1a	72.91	5.864	0.0197
PLX1-7B1b	72.87	5.863	0.0198
PLX1-7B2a	72.73	5.862	0.0199
PLX1-7B2b	72.89	5.863	0.0197
PLX1-7C1a	72.58	5.860	0.0201
PLX1-7C1b	72.79	5.864	0.0199
PLX1-7C2a	72.88	5.862	0.0198
PLX1-7C2b	72.91	5.861	0.0197
PLX1-7D1a	72.88	5.864	0.0197
PLX1-7D1b	72.85	5.862	0.0198
PLX1-7D2a	72.91	5.862	0.0197
PLX1-7D2b	72.63	5.863	0.0200
PLX1-8A1a	72.80	5.863	0.0198
PLX1-8A1b	72.69	5.865	0.0200
PLX1-8A2a	72.88	5.855	0.0198
PLX1-8A2b	72.89	5.858	0.0198
PLX1-8B1a	72.94	5.865	0.0198
PLX1-8B1b	72.86	5.861	0.0197
PLX1-8B2a	72.95	5.852	0.0197
PLX1-8B2b	72.94	5.851	0.0197
PLX1-8C1a	72.92	5.860	0.0197
PLX1-8C1b	72.90	5.860	0.0197
PLX1-8C2a	72.94	5.851	0.0197
PLX1-8C2b	72.89	5.851	0.0198
PLX1-8D1a	72.83	5.862	0.0198
PLX1-8D1b	72.95	5.861	0.0197
PLX1-8D2a	72.86	5.849	0.0198
PLX1-8D2b	72.96	5.850	0.0198
Number determ.	min FeO	max FeO	
128	0.0196	0.0207	

Sample name	%T 1000nm	d in mm	% FeO
PLX2-1A-1a	72.89	5.841	0.0198
PLX2-1A-1b	72.88	5.842	0.0198
PLX2-1A-2a	72.98	5.832	0.0197
PLX2-1A-2b	72.97	5.837	0.0197
PLX2-1B-1a	72.89	5.840	0.0198
PLX2-1B-1b	72.90	5.840	0.0198
PLX2-1B-2a	72.94	5.835	0.0198
PLX2-1B-2b	73.01	5.838	0.0197
PLX2-1C-1a	72.91	5.836	0.0198
PLX2-1C-1b	72.88	5.839	0.0198
PLX2-1C-2a	72.96	5.836	0.0198
PLX2-1C-2b	72.96	5.830	0.0198
PLX2-1D-1a	72.90	5.838	0.0198
PLX2-1D-1b	72.89	5.836	0.0198
PLX2-1D-2a	72.97	5.831	0.0198
PLX2-1D-2b	72.98	5.833	0.0197
PLX2-2A-1a	73.08	5.838	0.0196
PLX2-2A-1b	72.95	5.840	0.0197
PLX2-2A-2a	72.98	5.837	0.0197
PLX2-2A-2b	72.98	5.837	0.0197
PLX2-2B-1a	73.01	5.842	0.0197
PLX2-2B-1b	72.75	5.838	0.0200
PLX2-2B-2a	72.97	5.842	0.0197
PLX2-2B-2b	72.90	5.840	0.0198
PLX2-2C-1a	72.90	5.839	0.0198
PLX2-2C-1b	72.96	5.839	0.0197
PLX2-2C-2a	72.88	5.840	0.0198
PLX2-2C-2b	72.97	5.840	0.0197
PLX2-2D-1a	72.93	5.838	0.0198
PLX2-2D-1b	73.02	5.841	0.0197
PLX2-2D-2a	72.99	5.841	0.0197
PLX2-2D-2b	72.95	5.837	0.0198
PLX2-3A-1a	72.99	5.843	0.0197
PLX2-3A-1b	72.99	5.842	0.0197
PLX2-3A-2a	72.87	5.852	0.0198
PLX2-3A-2b	72.96	5.842	0.0197
PLX2-3B-1a	73.01	5.842	0.0197
PLX2-3B-1b	73.03	5.842	0.0196
PLX2-3B-2a	72.98	5.846	0.0197
PLX2-3B-2b	72.98	5.846	0.0197
PLX2-3C-1a	73.01	5.838	0.0197
PLX2-3C-1b	72.96	5.839	0.0197
PLX2-3C-2a	73.00	5.842	0.0197
PLX2-3C-2b	72.98	5.844	0.0197
PLX2-3D-1a	72.92	5.842	0.0198
PLX2-3D-1b	72.57	5.845	0.0202
PLX2-3D-2a	72.99	5.841	0.0196
PLX2-3D-2b	73.03	5.842	0.0196
PLX2-4A-1a	73.01	5.845	0.0197
PLX2-4A-1b	73.06	5.846	0.0196
PLX2-4A-2a	73.06	5.845	0.0196
PLX2-4A-2b	73.05	5.846	0.0196
PLX2-4B-1a	73.02	5.845	0.0196
PLX2-4B-1b	73.05	5.844	0.0196
PLX2-4B-2a	73.06	5.845	0.0196
PLX2-4B-2b	73.05	5.844	0.0196
PLX2-4C-1a	73.05	5.844	0.0196
PLX2-4C-1b	73.05	5.849	0.0196
PLX2-4C-2a	73.07	5.848	0.0196
PLX2-4C-2b	73.1	5.843	0.0196
PLX2-4D-1a	73.04	5.841	0.0196
PLX2-4D-1b	73.04	5.844	0.0196
PLX2-4D-2a	72.97	5.847	0.0197
PLX2-4D-2b	73.09	5.845	0.0196
MW PLX Scheibe 2	**72.95**	**5.845**	**0.0197**
Std.-dev.	0.093	0.006	0.0001

Sample name	%T 1000nm	d in mm	% FeO
PLX2-5A-1a	73.05	5.845	0.0196
PLX2-5A-1b	73.06	5.844	0.0196
PLX2-5A-2a	73.03	5.843	0.0196
PLX2-5A-2b	72.86	5.844	0.0198
PLX2-5B-1a	73.05	5.847	0.0196
PLX2-5B-1b	73.03	5.842	0.0196
PLX2-5B-2a	73.02	5.845	0.0196
PLX2-5B-2b	72.84	5.845	0.0199
PLX2-5C-1a	73.04	5.845	0.0196
PLX2-5C-1b	72.90	5.848	0.0198
PLX2-5C-2a	73.01	5.842	0.0197
PLX2-5C-2b	72.91	5.845	0.0198
PLX2-5D-1a	72.96	5.844	0.0197
PLX2-5D-1b	73.05	5.848	0.0196
PLX2-5D-2a	73.06	5.846	0.0196
PLX2-5D-2b	73.02	5.843	0.0197
PLX2-6A-1a	72.88	5.848	0.0198
PLX2-6A-1b	72.80	5.848	0.0199
PLX2-6A-2a	72.91	5.848	0.0198
PLX2-6A-2b	72.86	5.846	0.0198
PLX2-6B-1a	72.85	5.849	0.0198
PLX2-6B-1b	72.81	5.850	0.0199
PLX2-6B-2a	72.89	5.849	0.0198
PLX2-6B-2b	72.88	5.844	0.0198
PLX2-6C-1a	72.78	5.848	0.0199
PLX2-6C-1b	72.80	5.850	0.0199
PLX2-6C-2a	72.92	5.846	0.0198
PLX2-6C-2b	72.73	5.849	0.0200
PLX2-6D-1a	72.83	5.843	0.0199
PLX2-6D-1b	72.84	5.844	0.0199
PLX2-6D-2a	72.93	5.849	0.0197
PLX2-6D-2b	72.85	5.846	0.0198
PLX2-7A-1a	72.98	5.847	0.0197
PLX2-7A-1b	73.00	5.849	0.0197
PLX2-7A-2a	72.90	5.851	0.0198
PLX2-7A-2b	72.89	5.852	0.0198
PLX2-7B-1a	72.94	5.851	0.0197
PLX2-7B-1b	73.02	5.851	0.0196
PLX2-7B-2a	72.99	5.852	0.0197
PLX2-7B-2b	72.98	5.851	0.0197
PLX2-7C-1a	72.97	5.849	0.0197
PLX2-7C-1b	73.02	5.850	0.0196
PLX2-7C-2a	72.94	5.850	0.0197
PLX2-7C-2b	72.99	5.849	0.0197
PLX2-7D-1a	72.92	5.851	0.0197
PLX2-7D-1b	73.03	5.849	0.0196
PLX2-7D-2a	73.02	5.853	0.0196
PLX2-7D-2b	73.00	5.854	0.0196
PLX2-8A-1a	72.91	5.862	0.0197
PLX2-8A-1b	72.87	5.856	0.0198
PLX2-8A-2a	72.82	5.854	0.0199
PLX2-8A-2b	72.90	5.855	0.0198
PLX2-8B-1a	72.55	5.860	0.0201
PLX2-8B-1b	72.92	5.859	0.0197
PLX2-8B-2a	72.93	5.857	0.0197
PLX2-8B-2b	72.77	5.856	0.0199
PLX2-8C-1a	72.78	5.858	0.0199
PLX2-8C-1b	72.92	5.855	0.0197
PLX2-8C-2a	72.95	5.857	0.0197
PLX2-8C-2b	72.97	5.851	0.0197
PLX2-8D-1a	72.95	5.859	0.0197
PLX2-8D-1b	72.82	5.853	0.0199
PLX2-8D-2a	72.99	5.857	0.0196
PLX2-8D-2b	72.93	5.855	0.0197
Number determ.	min FeO	max FeO	
128	0.0196	0.0202	

Sample name	%T 1000nm	d in mm	% FeO
PLX3-1A-1a	72.28	5.869	0.0204
PLX3-1A-1b	72.54	5.865	0.0201
PLX3-1A-2a	72.29	5.868	0.0204
PLX3-1A-2b	72.56	5.867	0.0201
PLX3-1B-1a	72.47	5.869	0.0202
PLX3-1B-1b	72.30	5.866	0.0204
PLX3-1B-2a	72.40	5.867	0.0203
PLX3-1B-2b	72.62	5.860	0.0201
PLX3-1C-1a	72.47	5.863	0.0202
PLX3-1C-1b	72.47	5.858	0.0202
PLX3-1C-2a	72.52	5.866	0.0202
PLX3-1C-2b	72.58	5.862	0.0201
PLX3-1D-1a	72.59	5.862	0.0201
PLX3-1D-1b	72.60	5.862	0.0201
PLX3-1D-2a	72.48	5.866	0.0202
PLX3-1D-2b	72.38	5.866	0.0203
PLX3-2A-1a	72.43	5.860	0.0203
PLX3-2A-1b	72.49	5.856	0.0202
PLX3-2A-2a	72.47	5.860	0.0202
PLX3-2A-2b	72.45	5.855	0.0203
PLX3-2B-1a	72.44	5.860	0.0203
PLX3-2B-1b	72.45	5.855	0.0203
PLX3-2B-2a	72.28	5.860	0.0205
PLX3-2B-2b	72.29	5.855	0.0205
PLX3-2C-1a	72.43	5.858	0.0203
PLX3-2C-1b	72.35	5.855	0.0204
PLX3-2C-2a	72.45	5.857	0.0203
PLX3-2C-2b	72.44	5.857	0.0203
PLX3-2D-1a	72.46	5.858	0.0203
PLX3-2D-1b	72.46	5.854	0.0203
PLX3-2D-2a	72.44	5.858	0.0203
PLX3-2D-2b	72.38	5.856	0.0204
PLX3-3A-1a	72.30	5.852	0.0205
PLX3-3A-1b	72.51	5.850	0.0202
PLX3-3A-2a	72.55	5.856	0.0202
PLX3-3A-2b	72.58	5.858	0.0201
PLX3-3B-1a	72.52	5.861	0.0202
PLX3-3B-1b	72.52	5.855	0.0202
PLX3-3B-2a	72.61	5.852	0.0201
PLX3-3B-2b	72.64	5.851	0.0201
PLX3-3C-1a	72.55	5.852	0.0202
PLX3-3C-1b	72.59	5.855	0.0201
PLX3-3C-2a	72.61	5.855	0.0201
PLX3-3C-2b	72.65	5.852	0.0201
PLX3-3D-1a	72.54	5.854	0.0202
PLX3-3D-1b	72.49	5.850	0.0203
PLX3-3D-2a	72.59	5.854	0.0201
PLX3-3D-2b	72.54	5.853	0.0203
PLX3-4A-1a	72.57	5.851	0.0202
PLX3-4A-1b	72.54	5.854	0.0202
PLX3-4A-2a	72.52	5.851	0.0202
PLX3-4A-2b	72.56	5.854	0.0202
PLX3-4B-1a	72.31	5.854	0.0205
PLX3-4B-1b	72.45	5.854	0.0203
PLX3-4B-2a	72.41	5.854	0.0203
PLX3-4B-2b	72.42	5.856	0.0203
PLX3-4C-1a	72.47	5.854	0.0203
PLX3-4C-1b	72.42	5.853	0.0203
PLX3-4C-2a	72.27	5.855	0.0205
PLX3-4C-2b	72.13	5.853	0.0207
PLX3-4D-1a	72.22	5.853	0.0206
PLX3-4D-1b	72.16	5.852	0.0206
PLX3-4D-2a	72.30	5.853	0.0205
PLX3-4D-2b	72.51	5.854	0.0202
MW PLX Scheibe 3	**72.58**	**5.854**	**0.0201**
Std.-dev.	0.182	0.0057	0.0002

Sample name		%T 1000nm	d in mm	% FeO
PLX3-5A-1a		72.48	5.853	0.0203
PLX3-5A-1b		72.54	5.857	0.0202
PLX3-5A-2a		72.54	5.854	0.0202
PLX3-5A-2b		72.47	5.854	0.0203
PLX3-5B-1a		72.56	5.852	0.0202
PLX3-5B-1b		72.63	5.854	0.0201
PLX3-5B-2a		72.53	5.853	0.0202
PLX3-5B-2b		72.69	5.855	0.0200
PLX3-5C-1a		72.38	5.852	0.0204
PLX3-5C-1b		72.52	5.854	0.0204
~~PLX3-5C-2a~~				
~~PLX3-5C-2b~~				
PLX3-5D-1a		72.45	5.856	0.0202
PLX3-5D-1b		72.58	5.854	0.0203
~~PLX3-5D-2a~~				
~~PLX3-5D-2b~~				
PLX3-6A-1a		72.75	5.850	0.0199
PLX3-6A-1b		72.83	5.851	0.0199
PLX3-6A-2a		72.85	5.854	0.0198
PLX3-6A-2b		72.90	5.849	0.0198
PLX3-6B-1a		72.81	5.853	0.0199
PLX3-6B-1b		72.81	5.853	0.0199
PLX3-6B-2a		72.78	5.849	0.0199
PLX3-6B-2b		72.75	5.847	0.0200
PLX3-6C-1a		72.75	5.857	0.0199
PLX3-6C-1b		72.85	5.851	0.0198
PLX3-6C-2a		72.78	5.852	0.0200
PLX3-6C-2b		72.81	5.852	0.0199
PLX3-6D-1a		72.80	5.847	0.0199
PLX3-6D-1b		72.83	5.849	0.0199
PLX3-6D-2a		72.69	5.851	0.0200
PLX3-6D-2b		72.67	5.847	0.0201
PLX3-7A-1a		72.80	5.851	0.0199
PLX3-7A-1b		72.84	5.850	0.0198
PLX3-7A-2a		72.88	5.849	0.0198
PLX3-7A-2b		72.89	5.851	0.0198
PLX3-7B-1a		72.84	5.848	0.0198
PLX3-7B-1b		72.87	5.848	0.0198
PLX3-7B-2a		72.82	5.850	0.0199
PLX3-7B-2b		72.86	5.850	0.0198
PLX3-7C-1a		72.72	5.852	0.0200
PLX3-7C-1b		72.85	5.852	0.0198
PLX3-7C-2a		72.77	5.852	0.0199
PLX3-7C-2b		72.79	5.845	0.0199
PLX3-7D-1a		72.78	5.854	0.0199
PLX3-7D-1b		72.87	5.851	0.0198
PLX3-7D-2a		72.78	5.851	0.0199
PLX3-7D-2b		72.85	5.850	0.0198
PLX3-8A-1a		72.36	5.849	0.0204
PLX3-8A-1b		72.71	5.842	0.0200
PLX3-8A-2a		72.68	5.849	0.0200
PLX3-8A-2b		72.73	5.844	0.0200
PLX3-8B-1a		72.67	5.849	0.0200
PLX3-8B-1b		72.78	5.844	0.0199
PLX3-8B-2a		72.72	5.847	0.0200
PLX3-8B-2b		72.76	5.844	0.0200
PLX3-8C-1a		72.29	5.849	0.0205
PLX3-8C-1b		72.61	5.844	0.0201
PLX3-8C-2a		72.57	5.850	0.0202
PLX3-8C-2b		72.72	5.845	0.0200
PLX3-8D-1a		72.74	5.846	0.0200
PLX3-8D-1b		72.76	5.843	0.0200
PLX3-8D-2a		72.64	5.847	0.0201
PLX3-8D-2b		72.50	5.847	0.0203
	Number determ.	min FeO	max FeO	
	124	0.0198	0.0207	

Sample name	%T 1000nm	d in mm	% FeO
PLX4-1A-1a	72.37	5.846	0.0204
PLX4-1A-1b	72.12	5.843	0.0207
PLX4-1A-2a	72.17	5.866	0.0206
PLX4-1A-2b	72.43	5.864	0.0203
PLX4-1B-1a	72.53	5.848	0.0202
PLX4-1B-1b	72.44	5.874	0.0202
PLX4-1B-2a	72.00	5.854	0.0208
PLX4-1B-2b	72.45	5.876	0.0202
PLX4-1C-1a	72.50	5.848	0.0202
PLX4-1C-1b	72.38	5.849	0.0204
PLX4-1C-2a	72.30	5.867	0.0204
PLX4-1C-2b	72.28	5.866	0.0204
PLX4-1D-1a	72.42	5.855	0.0203
PLX4-1D-1b	72.47	5.850	0.0203
PLX4-1D-2a	72.33	5.870	0.0204
PLX4-1D-2b	72.31	5.868	0.0204
PLX4-2A-1a	72.42	5.874	0.0203
PLX4-2A-1b	72.47	5.882	0.0202
PLX4-2A-2a	72.45	5.874	0.0202
PLX4-2A-2b	72.46	5.879	0.0202
PLX4-2B-1a	72.45	5.874	0.0202
PLX4-2B-1b	72.46	5.881	0.0202
PLX4-2B-2a	72.53	5.877	0.0201
PLX4-2B-2b	72.47	5.881	0.0202
PLX4-2C-1a	72.57	5.874	0.0201
PLX4-2C-1b	72.37	5.881	0.0203
PLX4-2C-2a	72.57	5.875	0.0201
PLX4-2C-2b	72.54	5.879	0.0201
PLX4-2D-1a	72.39	5.878	0.0203
PLX4-2D-1b	72.56	5.879	0.0201
PLX4-2D-2a	72.59	5.879	0.0200
PLX4-2D-2b	72.53	5.880	0.0201
PLX4-3A-1a	72.45	5.885	0.0202
PLX4-3A-1b	72.44	5.884	0.0202
PLX4-3A-2a	72.48	5.882	0.0202
PLX4-3A-2b	72.41	5.882	0.0202
PLX4-3B-1a	72.48	5.883	0.0202
PLX4-3B-1b	72.47	5.883	0.0202
PLX4-3B-2a	72.34	5.883	0.0203
PLX4-3B-2b	72.43	5.880	0.0202
PLX4-3C-1a	72.41	5.882	0.0202
PLX4-3C-1b	72.42	5.884	0.0202
PLX4-3C-2a	72.47	5.882	0.0202
PLX4-3C-2b	72.40	5.878	0.0203
PLX4-3D-1a	72.41	5.877	0.0203
PLX4-3D-1b	72.43	5.880	0.0202
PLX4-3D-2a	72.38	5.881	0.0203
PLX4-3D-2b	72.37	5.878	0.0203
PLX4-4A-1a	72.34	5.884	0.0203
PLX4-4A-1b	72.26	5.880	0.0204
PLX4-4A-2a	71.95	5.881	0.0208
PLX4-4A-2b	72.34	5.879	0.0203
PLX4-4B-1a	72.23	5.882	0.0204
PLX4-4B-1b	72.44	5.879	0.0202
PLX4-4B-2a	72.11	5.885	0.0206
PLX4-4B-2b	72.03	5.883	0.0207
PLX4-4C-1a	72.41	5.883	0.0202
PLX4-4C-1b	72.32	5.880	0.0203
PLX4-4C-2a	72.23	5.882	0.0204
PLX4-4C-2b	72.21	5.881	0.0205
PLX4-4D-1a	72.33	5.884	0.0203
PLX4-4D-1b	72.06	5.883	0.0206
PLX4-4D-2a	71.97	5.881	0.0208
PLX4-4D-2b	72.31	5.884	0.0203
MW PLX Scheibe 4	**72.41**	**5.872**	**0.0203**
Std.-dev.	0.123	0.0093	0.00014

Sample name	%T 1000nm	d in mm	% FeO
PLX4-5A-1a	72.52	5.876	0.0201
PLX4-5A-1b	72.45	5.875	0.0202
PLX4-5A-2a	72.54	5.879	0.0201
PLX4-5A-2b	72.48	5.876	0.0202
PLX4-5B-1a	72.55	5.878	0.0201
PLX4-5B-1b	72.51	5.872	0.0202
PLX4-5B-2a	72.56	5.877	0.0201
PLX4-5B-2b	72.46	5.871	0.0202
PLX4-5C-1a	72.31	5.882	0.0204
PLX4-5C-1b	72.30	5.876	0.0204
PLX4-5C-2a	72.52	5.878	0.0201
PLX4-5C-2b	72.51	5.874	0.0201
PLX4-5D-1a	72.51	5.874	0.0201
PLX4-5D-1b	72.54	5.875	0.0201
PLX4-5D-2a	72.40	5.875	0.0203
PLX4-5D-2b	72.57	5.873	0.0201
PLX4-6A-1a	72.58	5.871	0.0201
PLX4-6A-1b	72.45	5.868	0.0202
PLX4-6A-2a	72.43	5.870	0.0203
PLX4-6A-2b	72.39	5.869	0.0203
PLX4-6B-1a	72.40	5.871	0.0203
PLX4-6B-1b	72.42	5.872	0.0203
PLX4-6B-2a	72.38	5.879	0.0203
PLX4-6B-2b	72.25	5.871	0.0205
PLX4-6C-1a	72.41	5.870	0.0203
PLX4-6C-1b	72.42	5.869	0.0203
PLX4-6C-2a	72.43	5.873	0.0202
PLX4-6C-2b	72.44	5.867	0.0203
PLX4-6D-1a	72.40	5.870	0.0203
PLX4-6D-1b	72.42	5.868	0.0203
PLX4-6D-2a	72.43	5.873	0.0202
PLX4-6D-2b	72.40	5.870	0.0203
PLX4-7A-1a	72.48	5.867	0.0202
PLX4-7A-1b	72.45	5.866	0.0202
PLX4-7A-2a	72.47	5.867	0.0202
PLX4-7A-2b	72.47	5.866	0.0202
PLX4-7B-1a	72.47	5.871	0.0202
PLX4-7B-1b	72.48	5.876	0.0202
PLX4-7B-2a	72.36	5.870	0.0203
PLX4-7B-2b	72.46	5.869	0.0202
PLX4-7C-1a	72.46	5.865	0.0202
PLX4-7C-1b	72.44	5.865	0.0203
PLX4-7C-2a	72.45	5.872	0.0202
PLX4-7C-2b	72.37	5.865	0.0203
PLX4-7D-1a	72.47	5.872	0.0202
PLX4-7D-1b	72.45	5.865	0.0202
PLX4-7D-2a	72.48	5.864	0.0202
PLX4-7D-2b	72.45	5.866	0.0202
PLX4-8A-1a	72.52	5.864	0.0202
PLX4-8A-1b	72.53	5.861	0.0202
PLX4-8A-2a	72.43	5.869	0.0203
PLX4-8A-2b	72.54	5.857	0.0202
PLX4-8B-1a	72.46	5.864	0.0202
PLX4-8B-1b	72.52	5.864	0.0202
PLX4-8B-2a	72.45	5.860	0.0203
PLX4-8B-2b	72.51	5.860	0.0202
PLX4-8C-1a	72.49	5.859	0.0202
PLX4-8C-1b	72.51	5.864	0.0202
PLX4-8C-2a	72.48	5.863	0.0202
PLX4-8C-2b	72.46	5.856	0.0203
PLX4-8D-1a	72.46	5.863	0.0202
PLX4-8D-1b	72.48	5.862	0.0202
PLX4-8D-2a	72.47	5.863	0.0202
PLX4-8D-2b	72.53	5.861	0.0202
	Number determ.	min FeO	max FeO
	128	0.0200	0.0208

Sample name	%T 1000nm	d in mm	% FeO
PLX1B-1A-a	72.82	5.861	0.0196
PLX1B-1A-b	73.00	5.863	0.0196
PLX1B-1A-c	72.87	5.862	0.0198
PLX1B-1A-d	72.81	5.863	0.0198
PLX1B-1B-a	72.91	5.861	0.0197
PLX1B-1B-b	72.96	5.861	0.0197
PLX1B-1B-c	72.86	5.861	0.0198
PLX1B-1B-d	72.86	5.861	0.0198
PLX1B-1C-a	72.94	5.860	0.0197
PLX1B-1C-b	72.95	5.863	0.0197
PLX1B-1C-c	72.86	5.862	0.0198
PLX1B-1C-d	72.88	5.864	0.0198
PLX1B-1D-a	72.95	5.857	0.0197
PLX1B-1D-b	72.83	5.862	0.0198
PLX1B-1D-c	72.90	5.858	0.0198
PLX1B-1D-d	72.91	5.861	0.0197
PLX1B-2A-a	72.79	5.863	0.0199
PLX1B-2A-b	72.83	5.863	0.0198
PLX1B-2A-c	73.67	5.865	0.0200
PLX1B-2A-d	72.72	5.867	0.0199
PLX1B-2B-a	72.83	5.864	0.0198
PLX1B-2B-b	72.83	5.864	0.0198
PLX1B-2B-c	72.60	5.871	0.0201
PLX1B-2B-d	72.72	5.865	0.0199
PLX1B-2C-a	72.85	5.865	0.0198
PLX1B-2C-b	72.81	5.864	0.0198
PLX1B-2C-c	72.69	5.865	0.0200
PLX1B-2C-d	72.75	5.865	0.0199
PLX1B-2D-a	72.81	5.863	0.0198
PLX1B-2D-b	72.80	5.862	0.0198
PLX1B-2D-c	72.68	5.865	0.0200
PLX1B-2D-d	72.71	5.865	0.0199
PLX1B-3A-a	72.79	5.867	0.0198
PLX1B-3A-b	72.82	5.867	0.0198
PLX1B-3A-c	72.83	5.866	0.0198
PLX1B-3A-d	72.83	5.865	0.0198
PLX1B-3B-a	72.80	5.864	0.0198
PLX1B-3B-b	72.80	5.866	0.0198
PLX1B-3B-c	72.81	5.865	0.0198
PLX1B-3B-d	72.85	5.866	0.0198
PLX1B-3C-a	72.79	5.865	0.0199
PLX1B-3C-b	72.71	5.866	0.0199
PLX1B-3C-c	72.84	5.866	0.0198
PLX1B-3C-d	72.76	5.865	0.0199
PLX1B-3D-a	72.76	5.865	0.0199
PLX1B-3D-b	72.79	5.866	0.0198
PLX1B-3D-c	72.78	5.865	0.0199
PLX1B-3D-d	72.81	5.865	0.0198
PLX1B-4A-a	72.91	5.867	0.0197
PLX1B-4A-b	72.88	5.868	0.0197
PLX1B-4A-c	72.84	5.867	0.0198
PLX1B-4A-d	72.88	5.869	0.0197
PLX1B-4B-a	72.95	5.867	0.0197
PLX1B-4B-b	72.95	5.869	0.0197
PLX1B-4B-c	72.84	5.866	0.0197
PLX1B-4B-d	72.91	5.866	0.0197
PLX1B-4C-a	72.94	5.866	0.0197
PLX1B-4C-b	72.95	5.866	0.0197
PLX1B-4C-c	72.91	5.866	0.0197
PLX1B-4C-d	72.89	5.866	0.0197
PLX1B-4D-a	72.93	5.862	0.0197
PLX1B-4D-b	72.93	5.866	0.0197
PLX1B-4D-c	72.93	5.866	0.0197
PLX1B-4D-d	72.93	5.866	0.0197
MW PLX Scheibe 5	**72.91**	**5.887**	**0.0197**
Std.-dev.	0.164	0.2651	0.00016

Sample name	%T 1000nm	d in mm	% FeO
PLX1B-5A-a	73.05	5.872	0.0195
PLX1B-5A-b	73.12	5.867	0.0195
PLX1B-5A-c	72.97	5.864	0.0196
PLX1B-5A-d	72.89	5.864	0.0197
PLX1B-5B-a	73.08	5.867	0.0195
PLX1B-5B-b	72.96	5.865	0.0197
PLX1B-5B-c	73.00	5.864	0.0196
PLX1B-5B-d	73.02	5.862	0.0196
PLX1B-5C-a	73.09	5.875	0.0195
PLX1B-5C-b	72.85	5.865	0.0198
PLX1B-5C-c	72.87	5.863	0.0198
PLX1B-5C-d	72.94	5.865	0.0197
PLX1B-5D-a	73.09	5.867	0.0195
PLX1B-5D-b	72.06	5.864	0.0201
PLX1B-5D-c	72.85	5.865	0.0198
PLX1B-5D-d	72.88	5.861	0.0198
PLX1B-6A-a	72.92	5.863	0.0197
PLX1B-6A-b	72.99	5.863	0.0196
PLX1B-6A-c	72.93	5.866	0.0197
PLX1B-6A-d	72.93	5.864	0.0197
PLX1B-6B-a	73.01	5.863	0.0196
PLX1B-6B-b	72.98	5.862	0.0196
PLX1B-6B-c	73.04	5.865	0.0196
PLX1B-6B-d	72.99	5.863	0.0196
PLX1B-6C-a	73.02	8.863	0.0196
PLX1B-6C-b	72.95	5.862	0.0197
PLX1B-6C-c	73.06	5.866	0.0195
PLX1B-6C-d	73.00	5.863	0.0196
PLX1B-6D-a	72.92	5.863	0.0197
PLX1B-6D-b	72.98	5.864	0.0196
PLX1B-6D-c	73.02	5.863	0.0196
PLX1B-6D-d	73.03	5.863	0.0196
PLX1B-7A-a	73.08	5.864	0.0195
PLX1B-7A-b	73.02	5.864	0.0196
PLX1B-7A-c	73.07	5.866	0.0195
PLX1B-7A-d	73.05	5.866	0.0195
PLX1B-7B-a	73.04	5.864	0.0196
PLX1B-7B-b	73.04	5.862	0.0196
PLX1B-7B-c	73.06	5.865	0.0195
PLX1B-7B-d	73.05	5.865	0.0195
PLX1B-7C-a	73.05	5.863	0.0196
PLX1B-7C-b	73.09	5.864	0.0195
PLX1B-7C-c	73.04	5.865	0.0196
PLX1B-7C-d	73.02	5.867	0.0196
PLX1B-7D-a	73.08	5.865	0.0195
PLX1B-7D-b	73.11	5.863	0.0195
PLX1B-7D-c	72.88	5.866	0.0196
PLX1B-7D-d	73.05	5.868	0.0195
PLX1B-8A-a	72.74	5.866	0.0199
PLX1B-8A-b	72.35	5.864	0.0204
PLX1B-8A-c	72.98	5.859	0.0196
PLX1B-8A-d	73.07	5.854	0.0196
PLX1B-8B-a	72.73	5.865	0.0199
PLX1B-8B-b	72.57	5.862	0.0201
PLX1B-8B-c	73.07	5.858	0.0195
PLX1B-8B-d	73.07	5.859	0.0195
PLX1B-8C-a	73.03	5.862	0.0196
PLX1B-8C-b	72.98	5.865	0.0196
PLX1B-8C-c	72.63	5.855	0.0201
PLX1B-8C-d	72.98	5.858	0.0197
PLX1B-8D-a	73.05	5.864	0.0196
PLX1B-8D-b	72.84	5.862	0.0198
PLX1B-8D-c	73.08	5.855	0.0195
PLX1B-8D-d	73.09	5.854	0.0195
	Number determ.	min FeO	max FeO
	128	0.0195	0.0204

Sample name	%T 1000nm	d in mm	% FeO
PLX1D-1A-a	72.97	5.859	0.0197
PLX1D-1A-b	72.89	5.864	0.0197
PLX1D-1A-c	72.98	5.859	0.0196
PLX1D-1A-d	72.91	5.863	0.0197
PLX1D-1D-a	72.95	5.858	0.0197
PLX1D-1D-b	72.89	5.861	0.0197
PLX1D-1D-c	72.95	5.858	0.0197
PLX1D-1D-d	72.88	5.862	0.0198
PLX1D-1C-a	72.95	5.859	0.0197
PLX1D-1C-b	72.8	5.862	0.0198
PLX1D-1C-c	72.97	5.857	0.0197
PLX1D-1C-d	72.91	5.861	0.0197
PLX1D-1D-a	72.88	5.860	0.0198
PLX1D-1D-b	72.87	5.864	0.0198
PLX1D-1D-c	72.94	5.859	0.0197
PLX1D-1D-d	72.92	5.862	0.0197
PLX1D-2A-a	72.91	5.863	0.0197
PLX1D-2A-b	72.84	5.864	0.0198
PLX1D-2A-c	72.89	5.861	0.0197
PLX1D-2A-d	72.77	5.863	0.0199
PLX1D-2B-a	72.91	5.861	0.0197
PLX1D-2B-b	72.73	5.863	0.0199
PLX1D-2B-c	72.91	5.860	0.0197
PLX1D-2B-d	72.77	5.862	0.0199
PLX1D-2C-a	72.85	5.863	0.0198
PLX1D-2C-b	72.82	5.864	0.0198
PLX1D-2C-c	72.88	5.861	0.0198
PLX1D-2C-d	72.82	5.863	0.0198
PLX1D-2D-a	72.92	5.861	0.0197
PLX1D-2D-b	72.83	5.863	0.0198
PLX1D-2D-c	72.93	5.862	0.0197
PLX1D-2D-d	72.82	5.864	0.0198
PLX1D-3A-a	72.91	5.866	0.0197
PLX1D-3A-b	72.81	5.870	0.0198
PLX1D-3A-c	72.87	5.865	0.0198
PLX1D-3A-d	72.61	5.866	0.0201
PLX1D-3B-a	72.87	5.865	0.0198
PLX1D-3B-b	72.85	5.865	0.0198
PLX1D-3B-c	72.86	5.864	0.0198
PLX1D-3B-d	72.84	5.865	0.0198
PLX1D-3C-a	72.84	5.864	0.0198
PLX1D-3C-b	72.86	5.868	0.0198
PLX1D-3C-c	72.88	5.865	0.0197
PLX1D-3C-d	72.86	5.866	0.0198
PLX1D-3D-a	72.85	5.864	0.0198
PLX1D-3D-b	72.82	5.867	0.0198
PLX1D-3D-c	72.87	5.865	0.0198
PLX1D-3D-d	72.85	5.865	0.0198
PLX1D-4A-a	72.83	5.868	0.0198
PLX1D-4A-b	72.85	5.869	0.0198
PLX1D-4A-c	72.51	5.868	0.0202
PLX1D-4A-d	72.51	5.868	0.0202
PLX1D-4B-a	72.88	5.867	0.0197
PLX1D-4B-b	72.88	5.867	0.0197
PLX1D-4B-c	72.74	5.867	0.0199
PLX1D-4B-d	72.76	5.866	0.0199
PLX1D-4C-a	72.67	5.869	0.0200
PLX1D-4C-b	72.76	5.867	0.0199
PLX1D-4C-c	72.82	5.868	0.0198
PLX1D-4C-d	72.7	5.868	0.0199
PLX1D-4D-a	72.84	5.869	0.0198
PLX1D-4D-b	72.81	5.867	0.0198
PLX1D-4D-c	72.79	5.868	0.0198
PLX1D-4D-d	72.79	5.867	0.0198
MW PLX Scheibe 6	**72.87**	**5.863**	**0.0198**
Std.-dev.	6.415	0.0049	0.00174

Sample name	%T 1000nm	d in mm	% FeO
PLX1D-5A-a	72.92	5.866	0.0197
PLX1D-5A-b	72.79	5.863	0.0199
PLX1D-5A-c	72.91	5.869	0.0197
PLX1D-5A-d	72.80	5.865	0.0198
PLX1D-5B-a	72.86	5.866	0.0198
PLX1D-5B-b	72.80	5.863	0.0198
PLX1D-5B-c	72.94	5.866	0.0197
PLX1D-5B-d	72.79	5.868	0.0198
PLX1D-5C-a	72.93	5.868	0.0197
PLX1D-5C-b	72.47	5.866	0.0202
PLX1D-5C-c	72.90	5.867	0.0197
PLX1D-5C-d	72.64	5.864	0.0200
PLX1D-5D-a	72.90	5.866	0.0197
PLX1D-5D-b	72.80	5.863	0.0198
PLX1D-5D-c	72.90	5.867	0.0197
PLX1D-5D-d	72.81	5.863	0.0198
PLX1D-6A-a	72.84	5.862	0.0198
PLX1D-6A-b	72.79	5.862	0.0199
PLX1D-6A-c	72.83	5.862	0.0198
PLX1D-6A-d	72.88	5.862	0.0198
PLX1D-6B-a	72.78	5.862	0.0199
PLX1D-6B-b	72.88	5.862	0.0198
PLX1D-6B-c	72.79	5.862	0.0199
PLX1D-6B-d	72.91	5.862	0.0197
PLX1D-6C-a	72.69	5.861	0.0200
PLX1D-6C-b	72.91	5.861	0.0197
PLX1D-6C-c	72.79	5.863	0.0199
PLX1D-6C-d	72.91	5.862	0.0197
PLX1D-6D-a	72.79	5.864	0.0199
PLX1D-6D-b	72.90	5.862	0.0197
PLX1D-6D-c	72.79	5.863	0.0199
PLX1D-6D-d	72.89	5.861	0.0197
PLX1D-7A-a	72.94	5.863	0.0197
PLX1D-7A-b	72.96	5.862	0.0197
PLX1D-7A-c	72.91	5.865	0.0197
PLX1D-7A-d	72.89	5.862	0.0197
PLX1D-7B-a	72.92	5.864	0.0197
PLX1D-7B-b	72.93	5.866	0.0197
PLX1D-7B-c	72.93	5.865	0.0197
PLX1D-7B-d	72.91	5.865	0.0197
PLX1D-7C-a	72.92	5.862	0.0197
PLX1D-7C-b	72.91	5.864	0.0197
PLX1D-7C-c	72.89	5.865	0.0197
PLX1D-7C-d	72.93	5.863	0.0197
PLX1D-7D-a	72.85	5.863	0.0198
PLX1D-7D-b	72.95	5.865	0.0197
PLX1D-7D-c	72.91	5.862	0.0197
PLX1D-7D-d	72.93	5.864	0.0197
PLX1D-8A-a	72.86	5.863	0.0198
PLX1D-8A-b	73.02	5.847	0.0196
PLX1D-8A-c	72.97	5.863	0.0196
PLX1D-8A-d	73.04	5.848	0.0196
PLX1D-8B-a	72.95	5.861	0.0197
PLX1D-8B-b	73.02	5.846	0.0196
PLX1D-8B-c	72.94	5.863	0.0197
PLX1D-8B-d	72.96	5.846	0.0197
PLX1D-8C-a	72.96	5.863	0.0197
PLX1D-8C-b	73.04	5.847	0.0196
PLX1D-8C-c	72.97	5.861	0.0197
PLX1D-8C-d	73.01	5.846	0.0197
PLX1D-8D-a	72.98	5.864	0.0196
PLX1D-8D-b	73.06	5.849	0.0196
PLX1D-8D-c	72.98	5.863	0.0196
PLX1D-8D-d	73.03	5.847	0.0196
Number determ.	min FeO	max FeO	
128	0.0196	0.0202	

Sample name	%T 1000nm	d in mm	% FeO
PLX1C-1A-a	72.92	5.867	0.0197
PLX1C-1A-b	72.57	5.865	0.0201
PLX1C-1A-c	72.92	5.862	0.0197
PLX1C-1A-d	72.92	5.863	0.0197
PLX1C-1B-a	72.89	5.862	0.0197
PLX1C-1B-b	72.93	5.871	0.0197
PLX1C-1B-c	72.89	5.863	0.0197
PLX1C-1B-d	72.88	5.862	0.0198
PLX1C-1C-a	72.84	5.860	0.0198
PLX1C-1C-b	72.50	5.866	0.0202
PLX1C-1C-c	72.84	5.863	0.0198
PLX1C-1C-d	72.85	5.864	0.0198
PLX1C-1D-a	72.98	5.862	0.0196
PLX1C-1D-b	72.93	5.865	0.0197
PLX1C-1D-c	72.96	5.864	0.0197
PLX1C-1D-d	72.92	5.864	0.0197
PLX1C-2A-a	72.69	5.863	0.0200
PLX1C-2A-b	72.25	5.871	0.0205
PLX1C-2A-c	72.72	5.864	0.0199
PLX1C-2A-d	72.68	5.864	0.0200
PLX1C-2B-a	72.43	5.862	0.0203
PLX1C-2B-b	72.65	5.861	0.0200
PLX1C-2B-c	72.78	5.860	0.0199
PLX1C-2B-d	72.62	5.864	0.0201
PLX1C-2C-a	72.73	5.866	0.0199
PLX1C-2C-b	72.59	5.863	0.0201
PLX1C-2C-c	72.69	5.863	0.0200
PLX1C-2C-d	72.68	5.861	0.0200
PLX1C-2D-a	72.58	5.863	0.0201
PLX1C-2D-b	72.58	5.865	0.0201
PLX1C-2D-c	72.70	5.869	0.0199
PLX1C-2D-d	72.58	5.861	0.0201
PLX1C-3A-a	72.79	5.864	0.0199
PLX1C-3A-b	72.74	5.863	0.0199
PLX1C-3A-c	72.78	5.860	0.0199
PLX1C-3A-d	72.71	5.866	0.0199
PLX1C-3B-a	72.74	5.862	0.0199
PLX1C-3B-b	72.74	5.864	0.0199
PLX1C-3B-c	72.77	5.861	0.0199
PLX1C-3B-d	72.63	5.875	0.0200
PLX1C-3C-a	72.74	5.868	0.0199
PLX1C-3C-b	72.65	5.861	0.0200
PLX1C-3C-c	72.73	5.862	0.0199
PLX1C-3C-d	72.73	5.861	0.0199
PLX1C-3D-a	72.78	5.860	0.0199
PLX1C-3D-b	72.63	5.863	0.0200
PLX1C-3D-c	72.76	5.859	0.0199
PLX1C-3D-d	72.68	5.866	0.0200
PLX1C-4A-a	72.70	5.866	0.0200
PLX1C-4A-b	72.63	5.863	0.0200
PLX1C-4A-c	72.68	5.864	0.0200
PLX1C-4A-d	72.62	5.865	0.0200
PLX1C-4B-a	72.71	5.865	0.0199
PLX1C-4B-b	72.59	5.872	0.0201
PLX1C-4B-c	72.66	5.865	0.0200
PLX1C-4B-d	72.41	5.864	0.0203
PLX1C-4C-a	72.71	5.864	0.0199
PLX1C-4C-b	72.64	5.861	0.0200
PLX1C-4C-c	72.65	5.857	0.0200
PLX1C-4C-d	72.65	5.862	0.0200
PLX1C-4D-a	72.72	5.861	0.0199
PLX1C-4D-b	72.66	5.865	0.0200
PLX1C-4D-c	72.68	5.861	0.0200
PLX1C-4D-d	72.56	5.862	0.0201
MW PLX Scheibe 7	**72.74**	**5.863**	**0.0199**
Std.-dev.	0.131	0.0039	0.00015

Sample name	%T 1000nm	d in mm	% FeO
PLX1C-5A-a	72.70	5.868	0.0199
PLX1C-5A-b	72.62	5.865	0.0200
PLX1C-5A-c	72.76	5.867	0.0199
PLX1C-5A-d	72.69	5.867	0.0200
PLX1C-5B-a	72.74	5.868	0.0199
PLX1C-5B-b	72.70	5.864	0.0200
PLX1C-5B-c	72.70	5.865	0.0200
PLX1C-5B-d	72.71	5.869	0.0199
PLX1C-5C-a	72.74	5.866	0.0199
PLX1C-5C-b	72.61	5.864	0.0201
PLX1C-5C-c	72.65	5.863	0.0200
PLX1C-5C-d	72.70	5.864	0.0200
PLX1C-5D-a	72.83	5.866	0.0198
PLX1C-5D-b	72.82	5.867	0.0198
PLX1C-5D-c	72.75	5.869	0.0199
PLX1C-5D-d	72.67	5.866	0.0200
PLX1C-6A-a	72.72	5.862	0.0199
PLX1C-6A-b	72.54	5.867	0.0201
PLX1C-6A-c	72.69	5.861	0.0200
PLX1C-6A-d	72.75	5.866	0.0199
PLX1C-6B-a	72.67	5.863	0.0200
PLX1C-6B-b	72.63	5.860	0.0201
PLX1C-6B-c	72.65	5.860	0.0200
PLX1C-6B-d	72.71	5.858	0.0200
PLX1C-6C-a	72.69	5.863	0.0200
PLX1C-6C-b	72.68	5.859	0.0200
PLX1C-6C-c	72.67	5.856	0.0200
PLX1C-6C-d	72.71	5.866	0.0199
PLX1C-6D-a	72.66	5.859	0.0200
PLX1C-6D-b	72.75	5.866	0.0199
PLX1C-6D-c	72.71	5.863	0.0200
PLX1C-6D-d	72.74	5.860	0.0199
PLX1C-7A-a	72.77	5.864	0.0199
PLX1C-7A-b	72.83	5.866	0.0198
PLX1C-7A-c	72.71	5.863	0.0200
PLX1C-7A-d	72.83	5.866	0.0198
PLX1C-7B-a	72.78	5.863	0.0199
PLX1C-7B-b	72.76	5.865	0.0199
PLX1C-7B-c	72.78	5.865	0.0199
PLX1C-7B-d	72.68	5.866	0.0200
PLX1C-7C-a	72.76	5.864	0.0199
PLX1C-7C-b	72.82	5.868	0.0198
PLX1C-7C-c	72.74	5.865	0.0199
PLX1C-7C-d	72.75	5.864	0.0199
PLX1C-7D-a	72.80	5.865	0.0198
PLX1C-7D-b	72.83	5.864	0.0198
PLX1C-7D-c	72.56	5.866	0.0201
PLX1C-7D-d	72.74	5.864	0.0199
PLX1C-8A-a	72.94	5.864	0.0197
PLX1C-8A-b	72.92	5.854	0.0197
PLX1C-8A-c	72.93	5.861	0.0197
PLX1C-8A-d	72.95	5.851	0.0197
PLX1C-8B-a	72.95	5.866	0.0197
PLX1C-8B-b	72.95	5.855	0.0197
PLX1C-8B-c	72.97	5.867	0.0196
PLX1C-8B-d	73.00	5.850	0.0197
PLX1C-8C-a	72.37	5.864	0.0203
PLX1C-8C-b	72.97	5.854	0.0197
PLX1C-8C-c	72.94	5.864	0.0197
PLX1C-8C-d	72.81	5.852	0.0199
PLX1C-8D-a	72.92	5.854	0.0197
PLX1C-8D-b	72.76	5.868	0.0199
PLX1C-8D-c	72.92	5.856	0.0197
PLX1C-8D-d	72.97	5.864	0.0196
	Number determ.	min FeO	max FeO
	128	0.0196	0.0205

Sample name	%T 1000nm	d in mm	% FeO
PLX1E-1A-a	72.89	5.860	0.0198
PLX1E-1A-b	72.36	5.864	0.0204
PLX1E-1A-c	72.84	5.861	0.0198
PLX1E-1A-d	72.81	5.863	0.0198
PLX1E-1B-a	72.92	5.863	0.0197
PLX1E-1B-b	72.83	5.859	0.0198
PLX1E-1B-c	72.89	5.860	0.0198
PLX1E-1B-d	72.86	5.865	0.0198
PLX1E-1C-a	72.89	5.860	0.0198
PLX1E-1C-b	72.84	5.864	0.0198
PLX1E-1C-c	72.83	5.859	0.0198
PLX1E-1C-d	72.85	5.863	0.0198
PLX1E-1D-a	72.88	5.859	0.0198
PLX1E-1D-b	72.84	5.862	0.0198
PLX1E-1D-c	72.81	5.860	0.0198
PLX1E-1D-d	72.82	5.862	0.0198
PLX1E-2A-a	72.83	5.866	0.0198
PLX1E-2A-b	72.77	5.869	0.0199
PLX1E-2A-c	72.80	5.866	0.0198
PLX1E-2A-d	72.71	5.867	0.0199
PLX1E-2B-a	72.84	5.865	0.0198
PLX1E-2B-b	72.62	5.867	0.0200
PLX1E-2B-c	72.85	5.866	0.0198
PLX1E-2B-d	72.76	5.867	0.0199
PLX1E-2C-a	72.83	5.874	0.0198
PLX1E-2C-b	72.75	5.864	0.0199
PLX1E-2C-c	72.77	5.867	0.0199
PLX1E-2C-d	72.73	5.868	0.0199
PLX1E-2D-a	72.82	5.866	0.0198
PLX1E-2D-b	72.65	5.868	0.0200
PLX1E-2D-c	72.83	5.866	0.0198
PLX1E-2D-d	72.74	5.868	0.0199
PLX1E-3A-a	72.84	5.864	0.0198
PLX1E-3A-b	72.78	5.867	0.0199
PLX1E-3A-c	72.86	5.865	0.0198
PLX1E-3A-d	72.82	5.866	0.0198
PLX1E-3B-a	72.79	5.865	0.0199
PLX1E-3B-b	72.84	5.867	0.0198
PLX1E-3B-c	72.77	5.866	0.0199
PLX1E-3B-d	72.77	5.867	0.0199
PLX1E-3C-a	72.82	5.864	0.0198
PLX1E-3C-b	72.68	5.865	0.0200
PLX1E-3C-c	72.83	5.867	0.0198
PLX1E-3C-d	72.78	5.864	0.0199
PLX1E-3D-a	72.83	5.866	0.0198
PLX1E-3D-b	72.81	5.867	0.0198
PLX1E-3D-c	72.74	5.866	0.0199
PLX1E-3D-d	72.71	5.869	0.0199
PLX1E-4A-a	72.49	5.866	0.0202
PLX1E-4A-b	72.52	5.868	0.0202
PLX1E-4A-c	72.71	5.865	0.0199
PLX1E-4A-d	72.68	5.867	0.0200
PLX1E-4B-a	72.78	5.866	0.0199
PLX1E-4B-b	72.42	5.866	0.0203
PLX1E-4B-c	72.38	5.867	0.0203
PLX1E-4B-d	72.59	5.867	0.0201
PLX1E-4C-a	72.62	5.867	0.0200
PLX1E-4C-b	72.71	5.869	0.0199
PLX1E-4C-c	72.75	5.868	0.0199
PLX1E-4C-d	72.56	5.869	0.0201
PLX1E-4D-a	72.76	5.869	0.0199
PLX1E-4D-b	72.69	5.867	0.0200
PLX1E-4D-c	72.56	5.867	0.0201
PLX1E-4D-d	72.68	5.867	0.0200
MW PLX Scheibe 8	**72.77**	**5.864**	**0.0199**
Std.-dev.	0.110	0.0043	0.00012

Sample name	%T 1000nm	d in mm	% FeO
PLX1E-5A-a	72.84	5.867	0.0198
PLX1E-5A-b	72.75	5.864	0.0199
PLX1E-5A-c	72.80	5.865	0.0198
PLX1E-5A-d	72.65	5.867	0.0200
PLX1E-5B-a	72.65	5.870	0.0200
PLX1E-5B-b	72.62	5.867	0.0200
PLX1E-5B-c	72.85	5.869	0.0198
PLX1E-5B-d	72.73	5.869	0.0199
PLX1E-5C-a	72.79	5.870	0.0198
PLX1E-5C-b	72.76	5.867	0.0199
PLX1E-5C-c	72.81	5.862	0.0198
PLX1E-5C-d	72.77	5.866	0.0199
PLX1E-5D-a	72.82	5.869	0.0198
PLX1E-5D-b	72.62	5.865	0.0200
PLX1E-5D-c	72.83	5.867	0.0198
PLX1E-5D-d	72.77	5.867	0.0199
PLX1E-6A-a	72.74	5.863	0.0199
PLX1E-6A-b	72.82	5.862	0.0198
PLX1E-6A-c	72.72	5.863	0.0199
PLX1E-6A-d	72.76	5.862	0.0199
PLX1E-6B-a	72.72	5.863	0.0199
PLX1E-6B-b	72.79	5.859	0.0199
PLX1E-6B-c	72.72	5.863	0.0199
PLX1E-6B-d	72.66	5.864	0.0200
PLX1E-6C-a	72.72	5.864	0.0199
PLX1E-6C-b	72.71	5.861	0.0200
PLX1E-6C-c	72.75	5.864	0.0199
PLX1E-6C-d	72.73	5.863	0.0199
PLX1E-6D-a	72.75	5.862	0.0199
PLX1E-6D-b	72.83	5.863	0.0198
PLX1E-6D-c	72.74	5.863	0.0199
PLX1E-6D-d	72.77	5.862	0.0199
PLX1E-7A-a	72.80	5.864	0.0198
PLX1E-7A-b	72.87	5.865	0.0198
PLX1E-7A-c	72.84	5.863	0.0198
PLX1E-7A-d	72.83	5.864	0.0198
PLX1E-7B-a	72.79	5.864	0.0199
PLX1E-7B-b	72.75	5.866	0.0199
PLX1E-7B-c	72.81	5.865	0.0198
PLX1E-7B-d	72.66	5.866	0.0200
PLX1E-7C-a	72.86	5.862	0.0198
PLX1E-7C-b	72.83	5.868	0.0198
PLX1E-7C-c	72.66	5.866	0.0200
PLX1E-7C-d	72.49	5.863	0.0202
PLX1E-7D-a	72.81	5.866	0.0198
PLX1E-7D-b	72.86	5.869	0.0198
PLX1E-7D-c	72.82	5.866	0.0198
PLX1E-7D-d	72.82	5.869	0.0198
PLX1E-8A-a	72.82	5.863	0.0198
PLX1E-8A-b	73.00	5.848	0.0197
PLX1E-8A-c	72.95	5.867	0.0197
PLX1E-8A-d	72.88	5.845	0.0198
PLX1E-8B-a	72.86	5.865	0.0198
PLX1E-8B-b	72.86	5.851	0.0198
PLX1E-8B-c	72.91	5.859	0.0197
PLX1E-8B-d	72.96	5.850	0.0197
PLX1E-8C-a	72.87	5.867	0.0198
PLX1E-8C-b	72.83	5.855	0.0198
PLX1E-8C-c	72.73	5.864	0.0199
PLX1E-8C-d	72.93	5.855	0.0197
PLX1E-8D-a	72.9	5.874	0.0197
PLX1E-8D-b	72.92	5.857	0.0197
PLX1E-8D-c	72.88	5.868	0.0197
PLX1E-8D-d	72.88	5.857	0.0198
	Number determ.	min FeO	max FeO
	128	0.0197	0.0204

Sample name	%T 1000nm	d in mm	% FeO
PLX2B-1A-a	72.91	5.842	0.0198
PLX2B-1A-b	72.60	5.835	0.0202
PLX2B-1A-c	72.75	5.839	0.0200
PLX2B-1A-d	72.98	5.840	0.0197
PLX2B-1B-a	73.01	5.843	0.0197
PLX2B-1B-b	72.93	5.840	0.0198
PLX2B-1B-c	72.80	5.839	0.0199
PLX2B-1B-d	73.02	5.836	0.0197
PLX2B-1C-a	72.87	5.843	0.0198
PLX2B-1C-b	73.02	5.838	0.0197
PLX2B-1C-c	72.94	5.834	0.0198
PLX2B-1C-d	72.99	5.844	0.0197
PLX2B-1D-a	72.99	5.835	0.0197
PLX2B-1D-b	72.78	5.838	0.0200
PLX2B-1D-c	72.77	5.842	0.0200
PLX2B-1D-d	72.95	5.834	0.0198
PLX2B-2A-a	72.88	5.835	0.0198
PLX2B-2A-b	72.93	5.841	0.0198
PLX2B-2A-c	72.98	5.837	0.0197
PLX2B-2A-d	72.87	5.838	0.0198
PLX2B-2B-a	73.04	5.835	0.0197
PLX2B-2B-b	72.96	5.835	0.0198
PLX2B-2B-c	72.97	5.833	0.0197
PLX2B-2B-d	72.84	5.847	0.0199
PLX2B-2C-a	72.95	5.840	0.0197
PLX2B-2C-b	72.91	5.834	0.0198
PLX2B-2C-c	72.98	5.837	0.0197
PLX2B-2C-d	72.83	5.837	0.0199
PLX2B-2D-a	73.02	5.846	0.0196
PLX2B-2D-b	72.89	5.835	0.0198
PLX2B-2D-c	73.01	5.842	0.0197
PLX2B-2D-d	73.00	5.837	0.0197
PLX2B-3A-a	72.82	5.839	0.0199
PLX2B-3A-b	72.93	5.846	0.0198
PLX2B-3A-c	72.93	5.842	0.0198
PLX2B-3A-d	72.80	5.845	0.0199
PLX2B-3B-a	72.98	5.842	0.0197
PLX2B-3B-b	72.98	5.847	0.0197
PLX2B-3B-c	73.03	5.839	0.0197
PLX2B-3B-d	72.93	5.846	0.0198
PLX2B-3C-a	73.00	5.842	0.0197
PLX2B-3C-b	73.01	5.847	0.0197
PLX2B-3C-c	73.03	5.837	0.0197
PLX2B-3C-d	72.94	5.839	0.0198
PLX2B-3D-a	72.96	5.842	0.0197
PLX2B-3D-b	72.94	5.843	0.0197
PLX2B-3D-c	72.94	5.838	0.0198
PLX2B-3D-d	72.95	5.839	0.0198
PLX2B-4A-a	72.99	5.840	0.0197
PLX2B-4A-b	73.04	5.843	0.0196
~~PLX2B-4A-c~~			
~~PLX2B-4A-d~~			
PLX2B-4B-a	73.00	5.841	0.0197
PLX2B-4B-b	73.04	5.843	0.0196
PLX2B-4B-c	73.04	5.840	0.0196
PLX2B-4B-d	72.95	5.843	0.0197
PLX2B-4C-a	73.02	5.842	0.0197
PLX2B-4C-b	73.04	5.846	0.0196
PLX2B-4C-c	72.90	5.845	0.0198
PLX2B-4C-d	73.05	5.841	0.0196
PLX2B-4D-a	73.02	5.844	0.0197
PLX2B-4D-b	73.05	5.838	0.0196
PLX2B-4D-c	72.8	5.841	0.0199
PLX2B-4D-d	73.05	5.844	0.0196
MW PLX Scheibe 9	**72.93**	**5.844**	**0.0198**
Std.-dev.	0.106	0.0059	0.00012

Sample name	%T 1000nm	d in mm	% FeO
PLX2B-5A-a	73.02	5.842	0.0197
PLX2B-5A-b	73.04	5.848	0.0196
PLX2B-5A-c	73.00	5.847	0.0197
PLX2B-5A-d	73.02	5.846	0.0196
PLX2B-5B-a	73.00	5.846	0.0197
PLX2B-5B-b	72.99	5.849	0.0197
PLX2B-5B-c	72.98	5.847	0.0197
PLX2B-5B-d	73.00	5.845	0.0197
PLX2B-5C-a	72.88	5.846	0.0198
PLX2B-5C-b	72.58	5.844	0.0202
PLX2B-5C-c	72.94	5.842	0.0198
PLX2B-5C-d	72.94	5.849	0.0197
PLX2B-5D-a	72.89	5.839	0.0198
PLX2B-5D-b	73.06	5.841	0.0196
PLX2B-5D-c	72.99	5.846	0.0197
PLX2B-5D-d	73.00	5.849	0.0197
PLX2B-6A-a	72.73	5.844	0.0200
PLX2B-6A-b	73.01	5.844	0.0197
PLX2B-6A-c	72.99	5.845	0.0197
PLX2B-6A-d	73.01	5.843	0.0197
PLX2B-6B-a	72.82	5.845	0.0199
PLX2B-6B-b	72.97	5.843	0.0197
PLX2B-6B-c	72.89	5.845	0.0198
PLX2B-6B-d	73.00	5.847	0.0197
PLX2B-6C-a	72.98	5.841	0.0197
PLX2B-6C-b	72.91	5.846	0.0198
PLX2B-6C-c	72.94	5.843	0.0197
PLX2B-6C-d	72.94	5.844	0.0197
PLX2B-6D-a	72.87	5.838	0.0198
PLX2B-6D-b	72.99	5.845	0.0197
PLX2B-6D-c	72.84	5.849	0.0198
PLX2B-6D-d	73.00	5.844	0.0197
PLX2B-7A-a	72.90	5.843	0.0198
PLX2B-7A-b	72.94	5.852	0.0197
PLX2B-7A-c	72.92	5.846	0.0198
PLX2B-7A-d	72.93	5.850	0.0197
PLX2B-7B-a	72.95	5.849	0.0197
PLX2B-7B-b	72.94	5.852	0.0197
PLX2B-7B-c	72.95	5.843	0.0197
PLX2B-7B-d	72.89	5.849	0.0198
PLX2B-7C-a	72.96	5.849	0.0197
PLX2B-7C-b	73.04	5.853	0.0196
PLX2B-7C-c	72.99	5.849	0.0197
PLX2B-7C-d	72.98	5.846	0.0197
PLX2B-7D-a	72.94	5.851	0.0197
PLX2B-7D-b	73.01	5.850	0.0196
PLX2B-7D-c	72.91	5.846	0.0198
PLX2B-7D-d	73.00	5.854	0.0196
PLX2B-8A-a	72.86	5.852	0.0198
PLX2B-8A-b	72.32	5.861	0.0204
PLX2B-8A-c	72.88	5.847	0.0198
PLX2B-8A-d	72.94	5.855	0.0197
PLX2B-8B-a	72.88	5.853	0.0198
PLX2B-8B-b	72.96	5.855	0.0197
~~PLX2B-8B-c~~			
~~PLX2B-8B-d~~			
PLX2B-8C-a	72.74	5.855	0.0199
PLX2B-8C-b	72.84	5.856	0.0198
PLX2B-8C-c	72.89	5.852	0.0198
PLX2B-8C-d	72.91	5.854	0.0197
PLX2B-8D-a	72.77	5.847	0.0199
PLX2B-8D-b	72.68	5.860	0.0200
PLX2B-8D-c	72.79	5.856	0.0199
PLX2B-8D-d	72.94	5.856	0.0197
Number determ.	min FeO	max FeO	
124	0.0196	0.0204	

Sample name	%T 1000nm	d in mm	% FeO
PLX2D-1A-a	72.91	5.845	0.0198
PLX2D-1A-b	73.02	5.839	0.0197
PLX2D-1A-c	72.96	5.841	0.0197
PLX2D-1A-d	72.65	5.838	0.0201
PLX2D-1B-a	72.92	5.838	0.0198
PLX2D-1B-b	72.91	5.831	0.0198
PLX2D-1B-c	72.94	5.839	0.0198
PLX2D-1B-d	73.00	5.840	0.0197
PLX2D-1C-a	72.79	5.840	0.0199
PLX2D-1C-b	73.05	5.833	0.0197
PLX2D-1C-c	72.94	5.841	0.0198
PLX2D-1C-d	73.00	5.832	0.0197
PLX2D-1D-a	73.00	5.843	0.0197
PLX2D-1D-b	73.09	5.842	0.0196
PLX2D-1D-c	72.90	5.838	0.0198
PLX2D-1D-d	72.98	5.841	0.0197
PLX2D-2A-a	73.04	5.836	0.0197
PLX2D-2A-b	72.70	5.84	0.0200
PLX2D-2A-c	73.09	5.836	0.0196
PLX2D-2A-d	73.09	5.839	0.0196
PLX2D-2B-a	73.01	5.835	0.0197
PLX2D-2B-b	73.07	5.838	0.0196
PLX2D-2B-c	73.03	5.837	0.0197
PLX2D-2B-d	73.06	5.840	0.0196
PLX2D-2C-a	73.04	5.838	0.0196
PLX2D-2C-b	73.06	5.840	0.0196
PLX2D-2C-c	73.10	5.837	0.0196
PLX2D-2C-d	73.03	5.836	0.0197
PLX2D-2D-a	73.03	5.835	0.0197
PLX2D-2D-b	72.93	5.840	0.0198
PLX2D-2D-c	72.74	5.836	0.0200
PLX2D-2D-d	73.01	5.834	0.0197
PLX2D-3A-a	72.98	5.842	0.0197
PLX2D-3A-b	73.00	5.846	0.0197
PLX2D-3A-c	72.97	5.841	0.0197
PLX2D-3A-d	73.00	5.847	0.0197
PLX2D-3B-a	72.89	5.843	0.0198
PLX2D-3B-b	72.79	5.843	0.0199
PLX2D-3B-c	73.01	5.844	0.0197
PLX2D-3B-d	72.95	5.842	0.0197
PLX2D-3C-a	73.02	5.840	0.0197
PLX2D-3C-b	72.95	5.838	0.0198
PLX2D-3C-c	72.98	5.838	0.0197
PLX2D-3C-d	73.02	5.840	0.0197
PLX2D-3D-a	73.01	5.833	0.0197
PLX2D-3D-b	72.93	5.841	0.0198
PLX2D-3D-c	72.83	5.836	0.0199
PLX2D-3D-d	72.99	5.844	0.0197
PLX2D-4A-a	72.90	5.844	0.0198
PLX2D-4A-b	72.60	5.848	0.0201
PLX2D-4A-c	71.92	5.844	0.0209
PLX2D-4A-d	72.88	5.848	0.0198
PLX2D-4B-a	72.79	5.852	0.0199
PLX2D-4B-b	72.89	5.853	0.0198
PLX2D-4B-c	72.91	5.847	0.0198
PLX2D-4B-d	72.97	5.848	0.0197
PLX2D-4C-a	72.86	5.844	0.0198
PLX2D-4C-b	72.84	5.851	0.0198
PLX2D-4C-c	72.80	5.846	0.0199
PLX2D-4C-d	72.95	5.849	0.0197
PLX2D-4D-a	72.89	5.847	0.0198
PLX2D-4D-b	72.81	5.848	0.0199
PLX2D-4D-c	72.91	5.849	0.0198
PLX2D-4D-d	72.94	5.844	0.0197
MW PLX Scheibe 10	**72.91**	**5.844**	**0.0198**
Std.-dev.	0.140	0.0064	0.00016

Sample name	%T 1000nm	d in mm	% FeO
PLX2D-5A-a	72.95	5.841	0.0197
PLX2D-5A-b	72.94	5.845	0.0197
PLX2D-5A-c	72.74	5.844	0.0200
PLX2D-5A-d	72.97	5.845	0.0197
PLX2D-5B-a	72.99	5.840	0.0197
PLX2D-5B-b	72.89	5.850	0.0198
PLX2D-5B-c	72.90	5.836	0.0198
PLX2D-5B-d	73.00	5.838	0.0197
PLX2D-5C-a	72.97	5.839	0.0197
PLX2D-5C-b	72.84	5.845	0.0199
PLX2D-5C-c	73.00	5.845	0.0197
PLX2D-5C-d	72.95	5.845	0.0197
PLX2D-5D-a	72.94	5.841	0.0198
PLX2D-5D-b	72.90	5.841	0.0198
PLX2D-5D-c	73.00	5.844	0.0197
PLX2D-5D-d	72.96	5.842	0.0197
PLX2D-6A-a	72.95	5.843	0.0197
PLX2D-6A-b	72.94	5.847	0.0197
PLX2D-6A-c	72.74	5.851	0.0200
PLX2D-6A-d	72.97	5.849	0.0197
PLX2D-6B-a	72.99	5.846	0.0197
PLX2D-6B-b	72.89	5.840	0.0198
PLX2D-6B-c	72.90	5.841	0.0198
PLX2D-6B-d	73.00	5.847	0.0197
PLX2D-6C-a	72.97	5.844	0.0197
PLX2D-6C-b	72.84	5.842	0.0199
PLX2D-6C-c	73.00	5.846	0.0197
PLX2D-6C-d	72.95	5.845	0.0197
PLX2D-6D-a	72.94	5.843	0.0197
PLX2D-6D-b	72.90	5.839	0.0198
PLX2D-6D-c	73.00	5.840	0.0197
PLX2D-6D-d	72.96	5.846	0.0197
PLX2D-7A-a	72.95	5.843	0.0197
PLX2D-7A-b	72.74	5.852	0.0200
PLX2D-7A-c	72.97	5.852	0.0197
PLX2D-7A-d	72.99	5.851	0.0197
PLX2D-7B-a	72.94	5.849	0.0197
PLX2D-7B-b	72.97	5.852	0.0197
PLX2D-7B-c	72.94	5.843	0.0197
PLX2D-7B-d	73.01	5.848	0.0197
PLX2D-7C-a	72.86	5.846	0.0198
PLX2D-7C-b	73.00	5.852	0.0196
PLX2D-7C-c	72.84	5.848	0.0198
PLX2D-7C-d	72.93	5.849	0.0197
PLX2D-7D-a	72.86	5.849	0.0198
PLX2D-7D-b	72.95	5.848	0.0197
PLX2D-7D-c	72.99	5.841	0.0197
PLX2D-7D-d	72.97	5.852	0.0197
PLX2D-8A-a	72.77	5.855	0.0199
PLX2D-8A-b	72.92	5.858	0.0197
PLX2D-8A-c	72.83	5.857	0.0198
PLX2D-8A-d	72.97	5.861	0.0197
PLX2D-8B-a	72.47	5.849	0.0203
PLX2D-8B-b	72.95	5.860	0.0197
PLX2D-8B-c	72.90	5.847	0.0198
PLX2D-8B-d	72.97	5.856	0.0197
PLX2D-8C-a	72.90	5.854	0.0198
PLX2D-8C-b	72.92	5.855	0.0197
PLX2D-8C-c	72.84	5.855	0.0198
PLX2D-8C-d	72.87	5.855	0.0198
PLX2D-8D-a	72.53	5.852	0.0202
PLX2D-8D-b	72.61	5.857	0.0201
PLX2D-8D-c	72.84	5.857	0.0198
PLX2D-8D-d	72.74	5.854	0.0199
Number determ.	min FeO	max FeO	
128	0.0196	0.0209	

Sample name	%T 1000nm	d in mm	% FeO
PLX4B-1A-a	72.54	5.852	0.0202
PLX4B-1A-b	72.32	5.874	0.0204
PLX4B-1A-c	72.50	5.853	0.0202
PLX4B-1A-d	72.44	5.873	0.0202
PLX4B-1B-a	72.50	5.864	0.0202
PLX4B-1B-b	72.43	5.879	0.0202
PLX4B-1B-c	72.55	5.853	0.0202
PLX4B-1B-d	72.41	5.871	0.0203
PLX4B-1C-a	72.57	5.856	0.0201
PLX4B-1C-b	72.46	5.873	0.0202
PLX4B-1C-c	72.26	5.862	0.0205
PLX4B-1C-d	72.49	5.871	0.0202
PLX4B-1D-a	72.52	5.852	0.0202
PLX4B-1D-b	72.45	5.873	0.0202
PLX4B-1D-c	72.55	5.855	0.0202
PLX4B-1D-d	72.47	5.877	0.0202
PLX4B-2A-a	72.51	5.876	0.0201
PLX4B-2A-b	72.47	5.877	0.0202
PLX4B-2A-c	72.48	5.877	0.0202
PLX4B-2A-d	72.46	5.879	0.0202
PLX4B-2B-a	72.38	5.881	0.0203
PLX4B-2B-b	72.42	5.880	0.0202
PLX4B-2B-c	72.47	5.874	0.0202
PLX4B-2B-d	72.39	5.881	0.0203
PLX4B-2C-a	72.40	5.874	0.0203
PLX4B-2C-b	72.44	5.879	0.0202
PLX4B-2C-c	72.51	5.875	0.0201
PLX4B-2C-d	72.26	5.877	0.0204
PLX4B-2D-a	72.50	5.876	0.0202
PLX4B-2D-b	72.42	5.884	0.0202
PLX4B-2D-c	72.47	5.879	0.0202
PLX4B-2D-d	72.42	5.880	0.0202
PLX4B-3A-a	72.30	5.882	0.0204
PLX4B-3A-b	72.05	5.877	0.0207
PLX4B-3A-c	72.31	5.881	0.0204
PLX4B-3A-d	72.32	5.881	0.0203
PLX4B-3B-a	72.30	5.874	0.0204
PLX4B-3B-b	72.30	5.875	0.0204
PLX4B-3B-c	72.41	5.875	0.0203
PLX4B-3B-d	72.35	5.879	0.0203
PLX4B-3C-a	72.39	5.882	0.0203
PLX4B-3C-b	72.32	5.884	0.0203
PLX4B-3C-c	72.32	5.886	0.0203
PLX4B-3C-d	71.99	5.876	0.0207
PLX4B-3D-a	72.39	5.880	0.0203
PLX4B-3D-b	72.36	5.877	0.0203
PLX4B-3D-c	72.35	5.881	0.0203
PLX4B-3D-d	72.23	5.883	0.0204
PLX4B-4A-a	72.26	5.885	0.0204
PLX4B-4A-b	72.46	5.883	0.0202
PLX4B-4A-c	72.40	5.880	0.0203
PLX4B-4A-d	72.43	5.876	0.0202
PLX4B-4B-a	72.47	5.879	0.0202
PLX4B-4B-b	72.50	5.878	0.0201
PLX4B-4B-c	72.42	5.877	0.0202
PLX4B-4B-d	72.52	5.872	0.0201
PLX4B-4C-a	72.44	5.880	0.0202
PLX4B-4C-b	72.46	5.876	0.0202
PLX4B-4C-c	72.37	5.876	0.0203
PLX4B-4C-d	72.25	5.871	0.0205
PLX4B-4D-a	72.34	5.878	0.0203
PLX4B-4D-b	72.47	5.874	0.0202
PLX4B-4D-c	72.39	5.877	0.0203
PLX4B-4D-d	72.48	5.879	0.0202
MW PLX Scheibe 11	**72.43**	**5.874**	**0.0202**
Std.-dev.	0.100	0.0074	0.00011

Sample name	%T 1000nm	d in mm	% FeO
PLX4B-5A-a	72.50	5.882	0.0201
PLX4B-5A-b	72.51	5.879	0.0201
PLX4B-5A-c	72.43	5.880	0.0202
PLX4B-5A-d	72.40	5.880	0.0203
PLX4B-5B-a	72.50	5.876	0.0202
PLX4B-5B-b	72.53	5.874	0.0201
PLX4B-5B-c	72.38	5.876	0.0203
PLX4B-5B-d	72.51	5.878	0.0201
PLX4B-5C-a	72.44	5.877	0.0202
PLX4B-5C-b	72.54	5.879	0.0201
PLX4B-5C-c	72.44	5.874	0.0202
PLX4B-5C-d	72.48	5.877	0.0202
PLX4B-5D-a	72.52	5.880	0.0201
PLX4B-5D-b	72.55	5.873	0.0201
PLX4B-5D-c	72.49	5.880	0.0201
PLX4B-5D-d	72.51	5.899	0.0201
PLX4B-6A-a	72.47	5.875	0.0202
PLX4B-6A-b	72.16	5.872	0.0206
PLX4B-6A-c	72.30	5.881	0.0204
PLX4B-6A-d	72.45	5.870	0.0202
PLX4B-6B-a	72.53	5.881	0.0201
PLX4B-6B-b	72.51	5.873	0.0202
PLX4B-6B-c	72.52	5.872	0.0201
PLX4B-6B-d	72.55	5.874	0.0201
PLX4B-6C-a	72.50	5.881	0.0201
PLX4B-6C-b	72.53	5.870	0.0201
PLX4B-6C-c	72.55	5.876	0.0201
PLX4B-6C-d	72.28	5.868	0.0204
PLX4B-6D-a	72.53	5.871	0.0201
PLX4B-6D-b	72.54	5.875	0.0201
PLX4B-6D-c	72.52	5.876	0.0201
PLX4B-6D-d	72.46	5.872	0.0202
PLX4B-7A-a	72.50	5.867	0.0202
PLX4B-7A-b	72.55	5.869	0.0201
PLX4B-7A-c	72.22	5.874	0.0205
PLX4B-7A-d	72.39	5.866	0.0203
PLX4B-7B-a	72.52	5.870	0.0201
PLX4B-7B-b	72.41	5.865	0.0203
PLX4B-7B-c	72.51	5.869	0.0202
PLX4B-7B-d	72.49	5.865	0.0202
PLX4B-7C-a	72.48	5.869	0.0202
PLX4B-7C-b	72.20	5.872	0.0205
PLX4B-7C-c	72.42	5.871	0.0203
PLX4B-7C-d	72.43	5.864	0.0203
PLX4B-7D-a	72.43	5.868	0.0203
PLX4B-7D-b	72.45	5.866	0.0202
PLX4B-7D-c	72.48	5.868	0.0202
PLX4B-7D-d	72.45	5.865	0.0202
PLX4B-8A-a	72.42	5.869	0.0203
PLX4B-8A-b	72.48	5.864	0.0202
PLX4B-8A-c	72.36	5.869	0.0203
PLX4B-8A-d	72.41	5.864	0.0203
PLX4B-8B-a	72.47	5.869	0.0202
PLX4B-8B-b	72.51	5.865	0.0202
PLX4B-8B-c	72.39	5.869	0.0203
PLX4B-8B-d	72.38	5.866	0.0203
PLX4B-8C-a	72.46	5.869	0.0202
PLX4B-8C-b	72.35	5.867	0.0204
PLX4B-8C-c	72.43	5.869	0.0203
PLX4B-8C-d	72.49	5.865	0.0202
PLX4B-8D-a	72.45	5.870	0.0202
PLX4B-8D-b	72.46	5.864	0.0202
PLX4B-8D-c	72.29	5.866	0.0204
PLX4B-8D-d	72.47	5.865	0.0202

	Number determ.	min FeO	max FeO	
	128	0.0201	0.0207	

Sample name	%T 1000nm	d in mm	% FeO
PLX4C-1A-a	72.51	5.853	0.0202
PLX4C-1A-b	72.50	5.872	0.0202
PLX4C-1A-c	72.60	5.858	0.0201
PLX4C-1A-d	72.41	5.872	0.0203
PLX4C-1B-a	72.56	5.857	0.0201
PLX4C-1B-b	72.51	5.874	0.0201
PLX4C-1B-c	72.58	5.856	0.0201
PLX4C-1B-d	72.51	5.871	0.0202
PLX4C-1C-a	72.54	5.857	0.0202
PLX4C-1C-b	72.52	5.873	0.0201
PLX4C-1C-c	72.46	5.850	0.0203
PLX4C-1C-d	72.50	5.869	0.0202
PLX4C-1D-a	72.25	5.856	0.0205
PLX4C-1D-b	72.52	5.868	0.0202
PLX4C-1D-c	72.59	5.858	0.0201
PLX4C-1D-d	72.51	5.868	0.0202
PLX4C-2A-a	72.48	5.872	0.0202
PLX4C-2A-b	72.30	5.880	0.0204
PLX4C-2A-c	72.33	5.874	0.0204
PLX4C-2A-d	72.41	5.879	0.0202
PLX4C-2B-a	72.49	5.879	0.0202
PLX4C-2B-b	72.49	5.877	0.0202
PLX4C-2B-c	72.40	5.871	0.0203
PLX4C-2B-d	72.48	5.875	0.0202
PLX4C-2C-a	72.51	5.874	0.0201
PLX4C-2C-b	72.47	5.875	0.0202
PLX4C-2C-c	72.47	5.871	0.0202
PLX4C-2C-d	72.36	5.874	0.0203
PLX4C-2D-a	72.44	5.870	0.0202
PLX4C-2D-b	72.48	5.863	0.0202
PLX4C-2D-c	72.48	5.875	0.0202
PLX4C-2D-d	72.48	5.870	0.0202
PLX4C-3A-a	72.82	5.847	0.0199
PLX4C-3A-b	72.79	5.842	0.0199
PLX4C-3A-c	72.79	5.846	0.0199
PLX4C-3A-d	72.79	5.838	0.0199
PLX4C-3B-a	72.53	5.839	0.0202
PLX4C-3B-b	72.86	5.842	0.0198
PLX4C-3B-c	72.85	5.843	0.0199
PLX4C-3B-d	72.79	5.841	0.0199
PLX4C-3C-a	72.57	5.847	0.0202
PLX4C-3C-b	72.83	5.840	0.0199
PLX4C-3C-c	72.83	5.839	0.0199
PLX4C-3C-d	72.85	5.844	0.0199
PLX4C-3D-a	72.89	5.843	0.0198
PLX4C-3D-b	72.71	5.834	0.0200
PLX4C-3D-c	72.86	5.845	0.0198
PLX4C-3D-d	72.83	5.844	0.0199
PLX4C-4A-a	72.46	5.873	0.0202
PLX4C-4A-b	72.49	5.873	0.0202
PLX4C-4A-c	72.51	5.879	0.0201
PLX4C-4A-d	72.50	5.875	0.0202
PLX4C-4B-a	72.26	5.879	0.0204
PLX4C-4B-b	72.51	5.878	0.0201
PLX4C-4B-c	72.32	5.872	0.0204
PLX4C-4B-d	72.38	5.872	0.0203
PLX4C-4C-a	72.45	5.872	0.0202
PLX4C-4C-b	72.34	5.871	0.0204
PLX4C-4C-c	72.44	5.873	0.0202
PLX4C-4C-d	72.49	5.879	0.0202
PLX4C-4D-a	72.40	5.877	0.0203
PLX4C-4D-b	72.11	5.878	0.0206
PLX4C-4D-c	72.53	5.876	0.0201
PLX4C-4D-d	72.47	5.875	0.0202
MW PLX Scheibe 12	**72.49**	**5.864**	**0.0202**
Std.-dev.	0.168	0.0114	0.00017

Sample name	%T 1000nm	d in mm	% FeO
PLX4C-5A-a	72.55	5.858	0.0202
PLX4C-5A-b	72.56	5.857	0.0201
PLX4C-5A-c	72.56	5.859	0.0201
PLX4C-5A-d	72.61	5.856	0.0201
PLX4C-5B-a	72.57	5.856	0.0201
PLX4C-5B-b	72.62	5.854	0.0201
PLX4C-5B-c	72.50	5.853	0.0202
PLX4C-5B-d	72.65	5.853	0.0201
PLX4C-5C-a	72.58	5.855	0.0201
PLX4C-5C-b	72.60	5.853	0.0201
PLX4C-5C-c	72.55	5.852	0.0202
PLX4C-5C-d	72.61	5.848	0.0201
PLX4C-5D-a	72.50	5.848	0.0202
PLX4C-5D-b	72.61	5.849	0.0201
PLX4C-5D-c	72.62	5.853	0.0201
PLX4C-5D-d	72.60	5.853	0.0201
PLX4C-6A-a	72.53	5.867	0.0201
PLX4C-6A-b	72.35	5.874	0.0203
PLX4C-6A-c	71.92	5.874	0.0208
PLX4C-6A-d	72.46	5.867	0.0202
PLX4C-6B-a	72.52	5.871	0.0201
PLX4C-6B-b	72.51	5.868	0.0202
PLX4C-6B-c	72.47	5.872	0.0202
PLX4C-6B-d	72.42	5.873	0.0203
PLX4C-6C-a	72.48	5.870	0.0202
PLX4C-6C-b	72.35	5.870	0.0203
PLX4C-6C-c	72.36	5.870	0.0203
PLX4C-6C-d	72.53	5.870	0.0201
PLX4C-6D-a	72.53	5.875	0.0201
PLX4C-6D-b	72.28	5.867	0.0204
PLX4C-6D-c	72.40	5.870	0.0203
PLX4C-6D-d	72.41	5.869	0.0203
PLX4C-7A-a	72.48	5.866	0.0202
PLX4C-7A-b	72.21	5.871	0.0205
PLX4C-7A-c	72.41	5.866	0.0203
PLX4C-7A-d	72.50	5.869	0.0202
PLX4C-7B-a	72.43	5.868	0.0203
PLX4C-7B-b	72.47	5.875	0.0202
PLX4C-7B-c	72.46	5.864	0.0202
PLX4C-7B-d	72.39	5.868	0.0203
PLX4C-7C-a	72.44	5.866	0.0203
PLX4C-7C-b	72.45	5.870	0.0202
PLX4C-7C-c	72.47	5.871	0.0202
PLX4C-7C-d	71.82	5.873	0.0210
PLX4C-7D-a	72.47	5.875	0.0202
PLX4C-7D-b	72.41	5.868	0.0203
PLX4C-7D-c	72.35	5.871	0.0203
PLX4C-7D-d	72.30	5.876	0.0204
PLX4C-8A-a	72.49	5.865	0.0202
PLX4C-8A-b	72.46	5.865	0.0202
PLX4C-8A-c	72.48	5.861	0.0202
PLX4C-8A-d	72.50	5.859	0.0202
PLX4C-8B-a	72.44	5.858	0.0203
PLX4C-8B-b	72.44	5.863	0.0203
PLX4C-8B-c	72.45	5.858	0.0203
PLX4C-8B-d	72.38	5.863	0.0203
PLX4C-8C-a	72.24	5.868	0.0205
PLX4C-8C-b	72.33	5.866	0.0204
PLX4C-8C-c	72.23	5.865	0.0205
PLX4C-8C-d	72.38	5.869	0.0203
PLX4C-8D-a	72.48	5.859	0.0202
PLX4C-8D-b	72.42	5.866	0.0203
PLX4C-8D-c	72.12	5.858	0.0207
PLX4C-8D-d	72.44	5.858	0.0203
	Number determ.	min FeO	max FeO	
	128	0.0198	0.0210	

Sample name	%T 1000nm	d in mm	% FeO
PLX3C-1A-a	72.57	5.862	0.0201
PLX3C-1A-b	72.58	5.861	0.0201
PLX3C-1A-c	72.53	5.862	0.0202
PLX3C-1A-d	72.57	5.857	0.0201
PLX3C-1B-a	72.48	5.862	0.0202
PLX3C-1B-b	72.58	5.857	0.0201
PLX3C-1B-c	72.59	5.861	0.0201
PLX3C-1B-d	72.61	5.857	0.0201
PLX3C-1C-a	72.56	5.864	0.0201
PLX3C-1C-b	72.57	5.859	0.0201
PLX3C-1C-c	72.55	5.861	0.0201
PLX3C-1C-d	72.57	5.854	0.0201
PLX3C-1D-a	72.50	5.863	0.0202
PLX3C-1D-b	72.41	5.856	0.0203
PLX3C-1D-c	72.32	5.862	0.0204
PLX3C-1D-d	72.48	5.864	0.0202
PLX3C-2A-a	72.56	5.859	0.0201
PLX3C-2A-b	72.60	5.857	0.0201
PLX3C-2A-c	72.46	5.859	0.0203
PLX3C-2A-d	72.60	5.855	0.0201
PLX3C-2B-a	72.60	5.856	0.0201
PLX3C-2B-b	72.61	5.855	0.0201
PLX3C-2B-c	72.56	5.860	0.0201
PLX3C-2B-d	72.53	5.852	0.0202
PLX3C-2C-a	72.58	5.855	0.0201
PLX3C-2C-b	72.63	5.856	0.0201
PLX3C-2C-c	72.50	5.855	0.0202
PLX3C-2C-d	72.63	5.853	0.0201
PLX3C-2D-a	72.52	5.860	0.0202
PLX3C-2D-b	72.59	5.850	0.0201
PLX3C-2D-c	72.56	5.855	0.0202
PLX3C-2D-d	72.60	5.851	0.0201
PLX3C-3A-a	72.59	5.851	0.0201
PLX3C-3A-b	72.62	5.850	0.0201
PLX3C-3A-c	72.59	5.856	0.0201
PLX3C-3A-d	72.55	5.847	0.0202
PLX3C-3B-a	72.47	5.859	0.0202
PLX3C-3B-b	72.60	5.859	0.0201
PLX3C-3B-c	72.59	5.851	0.0201
PLX3C-3B-d	72.63	5.844	0.0201
PLX3C-3C-a	72.57	5.852	0.0202
PLX3C-3C-b	72.59	5.847	0.0201
PLX3C-3C-c	72.51	5.851	0.0202
PLX3C-3C-d	72.42	5.847	0.0203
PLX3C-3D-a	72.58	5.848	0.0202
PLX3C-3D-b	72.63	5.847	0.0201
PLX3C-3D-c	72.57	5.851	0.0202
PLX3C-3D-d	72.60	5.849	0.0201
PLX3C-4A-a	72.58	5.852	0.0201
PLX3C-4A-b	72.53	5.856	0.0202
PLX3C-4A-c	72.59	5.855	0.0201
PLX3C-4A-d	72.62	5.853	0.0201
PLX3C-4B-a	72.65	5.851	0.0201
PLX3C-4B-b	72.61	5.851	0.0201
PLX3C-4B-c	72.66	5.846	0.0201
PLX3C-4B-d	72.58	5.851	0.0201
PLX3C-4C-a	72.66	5.848	0.0201
PLX3C-4C-b	72.67	5.849	0.0200
PLX3C-4C-c	72.60	5.852	0.0201
PLX3C-4C-d	72.67	5.846	0.0201
PLX3C-4D-a	72.61	5.847	0.0201
PLX3C-4D-b	72.66	5.845	0.0201
PLX3C-4D-c	72.6	5.852	0.0201
PLX3C-4D-d	72.63	5.848	0.0201
MW PLX Scheibe 13	**72.63**	**5.851**	**0.0201**
Std.-dev.	0.131	0.0061	0.00014

Sample name	%T 1000nm	d in mm	% FeO
PLX3C-5A-a	72.62	5.845	0.0201
PLX3C-5A-b	72.34	5.853	0.0204
PLX3C-5A-c	72.67	5.860	0.0200
PLX3C-5A-d	72.60	5.846	0.0201
PLX3C-5B-a	72.64	5.851	0.0201
PLX3C-5B-b	72.62	5.851	0.0201
PLX3C-5B-c	72.66	5.859	0.0200
PLX3C-5B-d	72.62	5.854	0.0201
PLX3C-5C-a	72.66	5.844	0.0201
PLX3C-5C-b	72.64	5.851	0.0201
PLX3C-5C-c	72.60	5.845	0.0201
PLX3C-5C-d	72.28	5.855	0.0205
PLX3C-5D-a	72.62	5.851	0.0201
PLX3C-5D-b	72.59	5.855	0.0201
PLX3C-5D-c	72.54	5.845	0.0202
PLX3C-5D-d	72.64	5.849	0.0201
PLX3C-6A-a	72.78	5.853	0.0199
PLX3C-6A-b	72.83	5.85	0.0199
PLX3C-6A-c	72.79	5.847	0.0199
PLX3C-6A-d	72.84	5.849	0.0198
PLX3C-6B-a	72.77	5.848	0.0199
PLX3C-6B-b	72.80	5.848	0.0199
PLX3C-6B-c	72.65	5.855	0.0200
PLX3C-6B-d	72.74	5.852	0.0200
PLX3C-6C-a	72.63	5.851	0.0201
PLX3C-6C-b	72.55	5.849	0.0202
PLX3C-6C-c	72.62	5.852	0.0201
PLX3C-6C-d	72.15	5.855	0.0206
PLX3C-6D-a	72.61	5.852	0.0201
PLX3C-6D-b	72.10	5.855	0.0207
PLX3C-6D-c	72.71	5.851	0.0200
PLX3C-6D-d	72.80	5.851	0.0199
PLX3C-7A-a	72.77	5.845	0.0199
PLX3C-7A-b	72.80	5.851	0.0199
PLX3C-7A-c	72.77	5.846	0.0199
PLX3C-7A-d	72.76	5.850	0.0199
PLX3C-7B-a	72.78	5.848	0.0199
PLX3C-7B-b	72.77	5.853	0.0199
PLX3C-7B-c	72.76	5.848	0.0199
PLX3C-7B-d	72.75	5.846	0.0200
PLX3C-7C-a	72.69	5.848	0.0200
PLX3C-7C-b	72.73	5.845	0.0200
PLX3C-7C-c	72.81	5.849	0.0199
PLX3C-7C-d	72.76	5.848	0.0199
PLX3C-7D-a	72.78	5.850	0.0199
PLX3C-7D-b	72.74	5.845	0.0200
PLX3C-7D-c	72.68	5.845	0.0200
PLX3C-7D-d	72.79	5.848	0.0199
PLX3C-8A-a	72.83	5.839	0.0199
PLX3C-8A-b	72.81	5.835	0.0199
PLX3C-8A-c	72.79	5.845	0.0199
PLX3C-8A-d	72.83	5.836	0.0199
PLX3C-8B-a	72.83	5.842	0.0199
PLX3C-8B-b	72.73	5.837	0.0200
PLX3C-8B-c	72.79	5.846	0.0199
PLX3C-8B-d	72.85	5.847	0.0198
PLX3C-8C-a	72.85	5.845	0.0198
PLX3C-8C-b	72.53	5.842	0.0202
PLX3C-8C-c	72.59	5.841	0.0202
PLX3C-8C-d	72.75	5.841	0.0200
PLX3C-8D-a	72.83	5.840	0.0199
PLX3C-8D-b	72.80	5.844	0.0199
PLX3C-8D-c	72.4	5.844	0.0204
PLX3C-8D-d	72.71	5.840	0.0200

	Number determ.	min FeO	max FeO	
	128	0.0198	0.0207	

Sample name	%T 1000nm	d in mm	% FeO
PLX4E-1A-a	72.59	5.847	0.0201
PLX4E-1A-b	72.50	5.863	0.0202
PLX4E-1A-c	72.55	5.845	0.0202
PLX4E-1A-d	72.48	5.873	0.0202
PLX4E-1B-a	72.55	5.843	0.0202
PLX4E-1B-b	72.02	5.866	0.0207
PLX4E-1B-c	72.52	5.841	0.0202
PLX4E-1B-d	72.49	5.866	0.0202
PLX4E-1C-a	72.59	5.840	0.0202
PLX4E-1C-b	72.50	5.869	0.0202
PLX4E-1C-c	72.57	5.845	0.0202
PLX4E-1C-d	72.42	5.864	0.0203
PLX4E-1D-a	72.46	5.850	0.0203
PLX4E-1D-b	72.36	5.872	0.0203
PLX4E-1D-c	72.57	5.847	0.0202
PLX4E-1D-d	72.48	5.872	0.0202
PLX4E-2A-a	72.45	5.873	0.0202
PLX4E-2A-b	72.51	5.877	0.0201
PLX4E-2A-c	72.49	5.876	0.0202
PLX4E-2A-d	72.48	5.877	0.0202
PLX4E-2B-a	72.48	5.874	0.0202
PLX4E-2B-b	72.46	5.875	0.0202
PLX4E-2B-c	72.50	5.867	0.0202
PLX4E-2B-d	72.47	5.874	0.0202
PLX4E-2C-a	72.41	5.876	0.0203
PLX4E-2C-b	72.42	5.880	0.0202
PLX4E-2C-c	72.47	5.881	0.0202
PLX4E-2C-d	72.32	5.874	0.0204
PLX4E-2D-a	72.49	5.869	0.0202
PLX4E-2D-b	72.43	5.876	0.0202
PLX4E-2D-c	72.53	5.871	0.0201
PLX4E-2D-d	72.43	5.877	0.0202
PLX4E-3A-a	72.40	5.874	0.0203
PLX4E-3A-b	72.35	5.883	0.0203
PLX4E-3A-c	72.43	5.883	0.0202
PLX4E-3A-d	72.35	5.876	0.0203
PLX4E-3B-a	72.38	5.877	0.0203
PLX4E-3B-b	72.37	5.872	0.0203
PLX4E-3B-c	72.36	5.874	0.0203
PLX4E-3B-d	72.33	5.877	0.0203
PLX4E-3C-a	72.37	5.875	0.0203
PLX4E-3C-b	72.27	5.876	0.0204
PLX4E-3C-c	72.36	5.875	0.0203
PLX4E-3C-d	72.39	5.877	0.0203
PLX4E-3D-a	72.29	5.880	0.0204
PLX4E-3D-b	72.35	5.874	0.0203
PLX4E-3D-c	72.38	5.878	0.0203
PLX4E-3D-d	72.36	5.880	0.0203
PLX4E-4A-a	72.46	5.879	0.0202
PLX4E-4A-b	72.52	5.873	0.0201
PLX4E-4A-c	72.33	5.878	0.0203
PLX4E-4A-d	72.27	5.876	0.0204
PLX4E-4B-a	72.42	5.876	0.0202
PLX4E-4B-b	72.46	5.875	0.0202
PLX4E-4B-c	72.47	5.875	0.0202
PLX4E-4B-d	72.47	5.881	0.0202
PLX4E-4C-a	72.46	5.876	0.0202
PLX4E-4C-b	72.43	5.872	0.0202
PLX4E-4C-c	72.32	5.878	0.0204
PLX4E-4C-d	72.32	5.878	0.0204
PLX4E-4D-a	72.40	5.876	0.0203
PLX4E-4D-b	72.44	5.872	0.0202
PLX4E-4D-c	72.32	5.886	0.0203
PLX4E-4D-d	72.29	5.880	0.0204
MW PLX Scheibe 14	**72.44**	**5.870**	**0.0202**
Std.-dev.	0.086	0.0093	0.00009

Sample name	%T 1000nm	d in mm	% FeO
PLX4E-5A-a	72.46	5.876	0.0202
PLX4E-5A-b	72.48	5.874	0.0202
PLX4E-5A-c	72.41	5.873	0.0203
PLX4E-5A-d	72.41	5.871	0.0203
PLX4E-5B-a	72.53	5.875	0.0201
PLX4E-5B-b	72.52	5.874	0.0201
PLX4E-5B-c	72.42	5.877	0.0202
PLX4E-5B-d	72.45	5.874	0.0202
PLX4E-5C-a	72.53	5.873	0.0201
PLX4E-5C-b	72.43	5.874	0.0202
PLX4E-5C-c	72.41	5.877	0.0203
PLX4E-5C-d	72.44	5.876	0.0202
PLX4E-5D-a	72.51	5.879	0.0201
PLX4E-5D-b	72.33	5.876	0.0204
PLX4E-5D-c	72.53	5.877	0.0201
PLX4E-5D-d	72.50	5.874	0.0202
PLX4E-6A-a	72.33	5.877	0.0203
PLX4E-6A-b	72.48	5.874	0.0202
PLX4E-6A-c	72.43	5.879	0.0202
PLX4E-6A-d	72.35	5.873	0.0203
PLX4E-6B-a	72.46	5.873	0.0202
PLX4E-6B-b	72.40	5.869	0.0203
PLX4E-6B-c	72.53	5.870	0.0201
PLX4E-6B-d	72.51	5.879	0.0201
PLX4E-6C-a	72.44	5.878	0.0202
PLX4E-6C-b	72.53	5.867	0.0201
PLX4E-6C-c	72.41	5.871	0.0203
PLX4E-6C-d	72.49	5.878	0.0202
PLX4E-6D-a	72.51	5.873	0.0202
PLX4E-6D-b	72.53	5.868	0.0201
PLX4E-6D-c	72.48	5.870	0.0202
PLX4E-6D-d	72.50	5.872	0.0202
PLX4E-7A-a	72.49	5.868	0.0202
PLX4E-7A-b	72.52	5.865	0.0202
PLX4E-7A-c	72.53	5.863	0.0202
PLX4E-7A-d	72.54	5.863	0.0201
PLX4E-7B-a	72.54	5.869	0.0201
PLX4E-7B-b	72.51	5.866	0.0202
PLX4E-7B-c	72.53	5.871	0.0201
PLX4E-7B-d	72.49	5.861	0.0202
PLX4E-7C-a	72.53	5.866	0.0202
PLX4E-7C-b	72.45	5.864	0.0203
PLX4E-7C-c	72.46	5.830	0.0204
PLX4E-7C-d	72.50	5.872	0.0202
PLX4E-7D-a	72.29	5.875	0.0204
PLX4E-7D-b	72.44	5.868	0.0202
PLX4E-7D-c	72.27	5.872	0.0204
PLX4E-7D-d	72.39	5.866	0.0203
PLX4E-8A-a	72.46	5.865	0.0202
PLX4E-8A-b	72.39	5.861	0.0203
PLX4E-8A-c	72.47	5.869	0.0202
PLX4E-8A-d	72.46	5.864	0.0202
PLX4E-8B-a	72.43	5.868	0.0203
PLX4E-8B-b	72.53	5.861	0.0202
PLX4E-8B-c	72.49	5.869	0.0202
PLX4E-8B-d	72.48	5.866	0.0202
PLX4E-8C-a	72.46	5.864	0.0202
PLX4E-8C-b	72.48	5.859	0.0202
PLX4E-8C-c	72.47	5.864	0.0202
PLX4E-8C-d	72.22	5.868	0.0205
PLX4E-8D-a	72.47	5.868	0.0202
PLX4E-8D-b	72.48	5.863	0.0202
PLX4E-8D-c	72.49	5.867	0.0202
PLX4E-8D-d	72.30	5.864	0.0204
Number determ.	min FeO	max FeO	
128	0.0201	0.0207	

Sample name	%T 1000nm	d in mm	% FeO
PLX2E-1A-a	72.66	5.851	0.0201
PLX2E-1A-b	72.67	5.855	0.0200
PLX2E-1A-c	72.66	5.855	0.0200
PLX2E-1A-d	72.71	5.852	0.0200
PLX2E-1B-a	72.64	5.846	0.0201
PLX2E-1B-b	72.41	5.850	0.0203
PLX2E-1B-c	72.61	5.850	0.0201
PLX2E-1B-d	72.62	5.852	0.0201
PLX2E-1C-a	72.62	5.848	0.0201
PLX2E-1C-b	72.56	5.854	0.0202
PLX2E-1C-c	72.67	5.856	0.0200
PLX2E-1C-d	72.65	5.851	0.0201
PLX2E-1D-a	72.66	5.856	0.0200
PLX2E-1D-b	72.69	5.849	0.0200
PLX2E-1D-c	72.52	5.850	0.0202
PLX2E-1D-d	72.53	5.852	0.0202
PLX2E-2A-a	72.85	5.839	0.0199
PLX2E-2A-b	73.11	5.842	0.0196
PLX2E-2A-c	72.96	5.844	0.0197
PLX2E-2A-d	73.09	5.837	0.0196
PLX2E-2B-a	72.95	5.843	0.0197
PLX2E-2B-b	73.10	5.836	0.0196
PLX2E-2B-c	72.98	5.847	0.0197
PLX2E-2B-d	72.89	5.838	0.0198
PLX2E-2C-a	72.80	5.841	0.0199
PLX2E-2C-b	72.92	5.838	0.0198
PLX2E-2C-c	72.76	5.845	0.0200
PLX2E-2C-d	72.92	5.842	0.0198
PLX2E-2D-a	72.78	5.842	0.0199
PLX2E-2D-b	72.85	5.839	0.0199
PLX2E-2D-c	72.81	5.840	0.0199
PLX2E-2D-d	72.79	5.842	0.0199
PLX2E-3A-a	72.37	5.850	0.0204
PLX2E-3A-b	72.51	5.856	0.0202
PLX2E-3A-c	72.48	5.856	0.0202
PLX2E-3A-d	72.52	5.840	0.0203
PLX2E-3B-a	72.49	5.848	0.0203
PLX2E-3B-b	72.46	5.846	0.0203
PLX2E-3B-c	72.53	5.851	0.0202
PLX2E-3B-d	72.58	5.847	0.0202
PLX2E-3C-a	72.49	5.859	0.0202
PLX2E-3C-b	72.43	5.853	0.0203
PLX2E-3C-c	72.53	5.849	0.0202
PLX2E-3C-d	72.47	5.850	0.0203
PLX2E-3D-a	72.50	5.850	0.0202
PLX2E-3D-b	72.55	5.847	0.0202
PLX2E-3D-c	72.48	5.849	0.0203
PLX2E-3D-d	72.52	5.848	0.0202
PLX2E-4A-a	72.86	5.850	0.0198
PLX2E-4A-b	72.90	5.843	0.0198
PLX2E-4A-c	73.04	5.843	0.0196
PLX2E-4A-d	73.01	5.843	0.0197
PLX2E-4B-a	73.02	5.844	0.0197
PLX2E-4B-b	72.84	5.848	0.0198
PLX2E-4B-c	72.96	5.846	0.0197
PLX2E-4B-d	72.91	5.844	0.0198
PLX2E-4C-a	73.01	5.844	0.0197
PLX2E-4C-b	72.97	5.842	0.0197
PLX2E-4C-c	73.04	5.844	0.0196
PLX2E-4C-d	73.03	5.844	0.0196
PLX2E-4D-a	73.09	5.843	0.0196
PLX2E-4D-b	72.95	5.841	0.0197
PLX2E-4D-c	73.07	5.841	0.0196
PLX2E-4D-d	73.02	5.840	0.0197
MW PLX Scheibe 15	**72.78**	**5.848**	**0.0199**
Std.-dev.	0.208	0.0057	0.00023

Sample name	%T 1000nm	d in mm	% FeO
PLX2E-5A-a	72.72	5.844	0.0200
PLX2E-5A-b	72.79	5.846	0.0199
PLX2E-5A-c	72.67	5.851	0.0200
PLX2E-5A-d	72.62	5.847	0.0201
PLX2E-5B-a	72.76	5.847	0.0199
PLX2E-5B-b	72.66	5.844	0.0201
PLX2E-5B-c	72.87	5.843	0.0198
PLX2E-5B-d	72.78	5.847	0.0199
PLX2E-5C-a	72.89	5.848	0.0198
PLX2E-5C-b	72.89	5.840	0.0198
PLX2E-5C-c	72.85	5.848	0.0198
PLX2E-5C-d	72.67	5.844	0.0201
PLX2E-5D-a	72.85	5.842	0.0199
PLX2E-5D-b	72.83	5.847	0.0199
PLX2E-5D-c	72.83	5.856	0.0198
PLX2E-5D-d	72.72	5.844	0.0200
PLX2E-6A-a	72.92	5.850	0.0197
PLX2E-6A-b	73.00	5.850	0.0197
PLX2E-6A-c	73.05	5.849	0.0196
PLX2E-6A-d	73.10	5.847	0.0195
PLX2E-6B-a	72.92	5.848	0.0198
PLX2E-6B-b	73.03	5.852	0.0196
PLX2E-6B-c	73.04	5.845	0.0196
PLX2E-6B-d	73.09	5.844	0.0196
PLX2E-6C-a	72.90	5.848	0.0198
PLX2E-6C-b	72.86	5.848	0.0198
PLX2E-6C-c	72.65	5.852	0.0201
PLX2E-6C-d	72.81	5.844	0.0199
PLX2E-6D-a	72.89	5.845	0.0198
PLX2E-6D-b	72.90	5.848	0.0198
PLX2E-6D-c	72.86	5.844	0.0198
PLX2E-6D-d	72.95	5.849	0.0197
PLX2E-7A-a	73.03	5.842	0.0196
PLX2E-7A-b	72.91	5.845	0.0198
PLX2E-7A-c	72.81	5.847	0.0199
PLX2E-7A-d	72.90	5.851	0.0198
PLX2E-7B-a	72.99	5.847	0.0197
PLX2E-7B-b	72.90	5.848	0.0198
PLX2E-7B-c	72.91	5.844	0.0198
PLX2E-7B-d	72.95	5.850	0.0197
PLX2E-7C-a	73.02	5.845	0.0196
PLX2E-7C-b	72.99	5.847	0.0197
PLX2E-7C-c	73.00	5.845	0.0197
PLX2E-7C-d	72.99	5.847	0.0197
PLX2E-7D-a	73.04	5.844	0.0196
PLX2E-7D-b	72.97	5.848	0.0197
PLX2E-7D-c	72.40	5.854	0.0203
PLX2E-7D-d	72.53	5.861	0.0202
PLX2E-8A-a	72.76	5.855	0.0199
PLX2E-8A-b	72.46	5.858	0.0203
PLX2E-8A-c	72.62	5.854	0.0201
PLX2E-8A-d	72.96	5.858	0.0197
PLX2E-8B-a	72.25	5.852	0.0205
PLX2E-8B-b	72.71	5.856	0.0200
PLX2E-8B-c	72.56	5.853	0.0202
PLX2E-8B-d	72.35	5.865	0.0204
PLX2E-8C-a	72.50	5.853	0.0202
PLX2E-8C-b	72.61	5.856	0.0201
PLX2E-8C-c	72.74	5.854	0.0199
PLX2E-8C-d	72.42	5.861	0.0203
PLX2E-8D-a	72.81	5.854	0.0199
PLX2E-8D-b	72.80	5.861	0.0199
PLX2E-8D-c	72.92	5.856	0.0197
PLX2E-8D-d	72.52	5.861	0.0202
Number determ.	min FeO	max FeO	
128	0.0195	0.0205	

Sample name	%T 1000nm	d in mm	% FeO
PLX-R-1A-a	72.34	5.883	0.0203
PLX-R-1A-b	72.40	5.885	0.0202
PLX-R-1A-c	72.36	5.884	0.0203
PLX-R-1A-d	72.42	5.884	0.0202
PLX-R-1B-a	72.76	5.848	0.0199
PLX-R-1B-b	72.76	5.850	0.0199
PLX-R-1B-c	72.54	5.853	0.0202
PLX-R-1B-d	72.72	5.853	0.0200
PLX-R-1C-a	72.58	5.855	0.0201
PLX-R-1C-b	72.68	5.848	0.0200
PLX-R-1C-c	72.71	5.850	0.0200
PLX-R-1C-d	72.68	5.852	0.0200
PLX-R-1D-a	72.77	5.848	0.0199
PLX-R-1D-b	72.79	5.855	0.0199
PLX-R-1D-c	72.68	5.857	0.0200
PLX-R-1D-d	72.82	5.853	0.0199
PLX-R-2A-a	72.42	5.848	0.0203
PLX-R-2A-b	72.64	5.853	0.0201
PLX-R-2A-c	72.52	5.857	0.0202
PLX-R-2A-d	72.69	5.851	0.0200
PLX-R-2B-a	72.69	5.854	0.0200
PLX-R-2B-b	72.76	5.855	0.0199
PLX-R-2B-c	72.79	5.851	0.0199
PLX-R-2B-d	72.77	5.857	0.0199
PLX-R-2C-a	72.71	5.854	0.0200
PLX-R-2C-b	72.63	5.855	0.0201
PLX-R-2C-c	72.61	5.854	0.0201
PLX-R-2C-d	72.20	5.846	0.0206
PLX-R-2D-a	72.22	5.881	0.0205
PLX-R-2D-b	72.21	5.883	0.0205
PLX-R-2D-c	72.83	5.852	0.0198
PLX-R-2D-d	72.90	5.851	0.0198
PLX-R-3A-a	72.74	5.851	0.0200
PLX-R-3A-b	72.50	5.850	0.0202
PLX-R-3A-c	72.56	5.850	0.0202
PLX-R-3A-d	72.63	5.848	0.0201
PLX-R-3B-a	72.75	5.856	0.0199
PLX-R-3B-b	72.67	5.852	0.0200
PLX-R-3B-c	72.51	5.848	0.0202
PLX-R-3B-d	72.61	5.848	0.0201
PLX-R-3C-a	72.61	5.861	0.0201
PLX-R-3C-b	72.61	5.864	0.0201
PLX-R-3C-c	72.41	5.878	0.0203
PLX-R-3C-d	72.43	5.877	0.0202
PLX-R-3D-a	73.00	5.836	0.0197
PLX-R-3D-b	73.08	5.834	0.0196
PLX-R-3D-c	72.48	5.878	0.0202
PLX-R-3D-d	72.53	5.874	0.0201
PLX-R-4A-a	72.26	5.875	0.0204
PLX-R-4A-b	72.15	5.878	0.0206
PLX-R-4A-c	72.27	5.884	0.0204
PLX-R-4A-d	72.28	5.883	0.0204
PLX-R-4B-a	72.42	5.857	0.0203
PLX-R-4B-b	72.42	5.854	0.0203
PLX-R-4B-c	72.38	5.865	0.0203
PLX-R-4B-d	72.41	5.857	0.0203
PLX-R-4C-a	72.15	5.875	0.0206
PLX-R-4C-b	72.10	5.878	0.0206
PLX-R-4C-c	72.28	5.871	0.0204
PLX-R-4C-d	72.46	5.874	0.0202
PLX-R-4D-a	72.40	5.857	0.0203
PLX-R-4D-b	72.49	5.856	0.0202
PLX-R-4D-c	72.26	5.859	0.0205
PLX-R-4D-d	72.46	5.860	0.0203
MW PLX Scheibe R(16)	**72.55**	**5.862**	**0.0201**
Std.-dev.	0.242	0.0151	0.00025

Sample name	%T 1000nm	d in mm	% FeO
PLX-R-5A-a	72.56	5.853	0.0202
PLX-R-5A-b	72.53	5.851	0.0202
PLX-R-5A-c	72.49	5.846	0.0203
PLX-R-5A-d	72.46	5.847	0.0203
PLX-R-5B-a	72.26	5.864	0.0205
PLX-R-5B-b	72.55	5.863	0.0201
PLX-R-5B-c	72.40	5.861	0.0203
PLX-R-5B-d	72.51	5.862	0.0202
PLX-R-5C-a	72.54	5.849	0.0202
PLX-R-5C-b	72.54	5.850	0.0202
PLX-R-5C-c	72.50	5.844	0.0203
PLX-R-5C-d	72.52	5.851	0.0202
PLX-R-5D-a	72.56	5.863	0.0201
PLX-R-5D-b	72.52	5.862	0.0202
PLX-R-5D-c	72.53	5.861	0.0202
PLX-R-5D-d	72.48	5.861	0.0202
PLX-R-6A-a	72.36	5.881	0.0203
PLX-R-6A-b	72.35	5.883	0.0203
PLX-R-6A-c	72.38	5.882	0.0203
PLX-R-6A-d	72.41	5.883	0.0202
PLX-R-6B-a	72.45	5.880	0.0202
PLX-R-6B-b	72.45	5.879	0.0202
PLX-R-6B-c	72.50	5.875	0.0202
PLX-R-6B-d	72.28	5.875	0.0204
PLX-R-6C-a	72.46	5.881	0.0202
PLX-R-6C-b	72.40	5.882	0.0202
PLX-R-6C-c	72.44	5.879	0.0202
PLX-R-6C-d	72.39	5.879	0.0203
PLX-R-6D-a	72.31	5.882	0.0204
PLX-R-6D-b	72.44	5.881	0.0202
PLX-R-6D-c	72.40	5.882	0.0202
PLX-R-6D-d	72.44	5.881	0.0202
PLX-R-7A-a	72.42	5.876	0.0202
PLX-R-7A-b	72.48	5.877	0.0202
PLX-R-7A-c	72.43	5.874	0.0202
PLX-R-7A-d	72.48	5.874	0.0202
PLX-R-7B-a	72.35	5.876	0.0203
PLX-R-7B-b	72.36	5.880	0.0203
PLX-R-7B-c	72.39	5.877	0.0203
PLX-R-7B-d	72.43	5.878	0.0202
PLX-R-7C-a	72.36	5.881	0.0203
PLX-R-7C-b	72.33	5.886	0.0203
PLX-R-7C-c	72.25	5.880	0.0204
PLX-R-7C-d	72.34	5.880	0.0203
PLX-R-7D-a	72.27	5.880	0.0204
PLX-R-7D-b	72.30	5.879	0.0204
PLX-R-7D-c	72.33	5.878	0.0203
PLX-R-7D-d	72.27	5.876	0.0204
PLX-R-8A-a	72.73	5.845	0.0200
PLX-R-8A-b	72.79	5.849	0.0199
PLX-R-8A-c	72.79	5.851	0.0199
PLX-R-8A-d	72.75	5.845	0.0200
PLX-R-8B-a	72.95	5.841	0.0197
PLX-R-8B-b	73.06	5.844	0.0196
PLX-R-8B-c	73.13	5.839	0.0195
PLX-R-8B-d	73.10	5.836	0.0196
PLX-R-8C-a	73.06	5.835	0.0196
PLX-R-8C-b	73.14	5.836	0.0195
PLX-R-8C-c	73.06	5.836	0.0196
PLX-R-8C-d	73.12	5.837	0.0196
PLX-R-8D-a	73.01	5.846	0.0197
PLX-R-8D-b	73.06	5.846	0.0196
PLX-R-8D-c	73.01	5.847	0.0197
PLX-R-8D-d	72.99	5.850	0.0197
Number determ.	min FeO	max FeO	
128	0.0195	0.0206	

Annex 3: Results of homogeneity testing, BAM-S052

Sample name	%T 1000nm	d in mm	% FeO
HRZ 001	17.75	3.802	0.2157
	17.75	3.804	0.2156
HRZ 002	17.76	3.802	0.2156
	17.76	3.804	0.2155
HRZ 003	17.76	3.802	0.2156
	17.76	3.802	0.2156
HRZ 004	17.75	3.802	0.2157
	17.75	3.802	0.2157
HRZ 005	17.76	3.803	0.2156
	17.76	3.803	0.2156
HRZ 006	17.76	3.801	0.2157
	17.74	3.802	0.2158
HRZ 007	17.76	3.801	0.2157
	17.76	3.802	0.2156
HRZ 008	17.76	3.800	0.2158
	17.76	3.800	0.2158
HRZ 009	17.77	3.801	0.2156
	17.78	3.805	0.2153
HRZ 010	17.78	3.799	0.2157
	17.77	3.798	0.2158
HRZ 011	17.78	3.799	0.2157
	17.78	3.804	0.2154
HRZ 012	17.74	3.799	0.2160
	17.79	3.799	0.2156
HRZ 013	17.78	3.802	0.2155
	17.76	3.802	0.2156
HRZ 014	17.64	3.802	0.2165
	17.71	3.802	0.2160
HRZ 015	17.61	3.801	0.2168
	17.75	3.801	0.2158
HRZ 016	17.73	3.799	0.2160
	17.78	3.799	0.2157
HRZ 017	17.81	3.799	0.2154
	17.78	3.800	0.2156
HRZ 018	17.81	3.795	0.2157
	17.67	3.795	0.2167
HRZ 019	17.81	3.796	0.2156
	17.79	3.795	0.2158
HRZ 020	17.74	3.795	0.2162
	17.81	3.796	0.2156
HRZ 021	17.78	3.797	0.2158
	17.75	3.797	0.2160
HRZ 022	17.70	3.793	0.2166
	17.82	3.793	0.2157
HRZ 023	17.77	3.797	0.2159
	17.78	3.796	0.2158
HRZ 024	17.80	3.796	0.2157
	17.77	3.797	0.2159
HRZ 025	17.85	3.795	0.2154
	17.84	3.792	0.2156
HRZ 026	17.88	3.784	0.2158
	17.88	3.786	0.2157
HRZ 027	17.87	3.792	0.2154
	17.82	3.791	0.2158
HRZ 028	17.90	3.786	0.2155
	17.90	3.786	0.2155
HRZ 029	17.88	3.785	0.2157
	17.86	3.786	0.2158
HRZ 030	17.86	3.786	0.2158
	17.90	3.785	0.2156
HRZ 031	17.86	3.786	0.2158
	17.89	3.787	0.2155
HRZ 032	17.89	3.786	0.2156
	17.91	3.785	0.2155
MW TSA Scheibe 1	**17.83**	**3.793**	**0.2157**
Std.-dev.	0.063	0.0068	0.00026

Sample name	%T 1000nm	d in mm	% FeO
HRZ 033	17.89	3.788	0.2155
	17.89	3.786	0.2156
HRZ 034	17.90	3.783	0.2157
	17.90	3.785	0.2156
HRZ 035	17.89	3.789	0.2154
	17.89	3.785	0.2157
HRZ 036	17.83	3.786	0.2160
	17.87	3.788	0.2156
HRZ 037	17.85	3.788	0.2158
	17.85	3.791	0.2156
HRZ 038	17.87	3.789	0.2156
	17.87	3.789	0.2156
HRZ 039	17.83	3.791	0.2158
	17.82	3.788	0.2160
HRZ 040	17.87	3.787	0.2157
	17.86	3.786	0.2158
HRZ 041	17.90	3.785	0.2156
	17.90	3.783	0.2157
HRZ 042	17.88	3.782	0.2159
	17.89	3.789	0.2154
HRZ 043	17.90	3.782	0.2157
	17.90	3.781	0.2158
HRZ 044	17.88	3.782	0.2159
	17.87	3.783	0.2159
HRZ 045	17.90	3.783	0.2157
	17.88	3.783	0.2158
HRZ 046	17.87	3.786	0.2157
	17.88	3.783	0.2158
HRZ 047	17.88	3.784	0.2158
	17.88	3.784	0.2158
HRZ 048	17.87	3.785	0.2158
	17.86	3.784	0.2159
HRZ 049	17.88	3.784	0.2158
	17.89	3.788	0.2155
HRZ 050	17.86	3.787	0.2158
	17.88	3.786	0.2157
HRZ 051	17.80	3.795	0.2157
	17.80	3.797	0.2156
HRZ 052	17.83	3.794	0.2156
	17.79	3.790	0.2161
HRZ 053	17.81	3.794	0.2157
	17.80	3.796	0.2157
HRZ 054	17.85	3.791	0.2156
	17.84	3.794	0.2155
HRZ 055	17.85	3.793	0.2155
	17.85	3.794	0.2154
HRZ 056	17.87	3.790	0.2155
	17.87	3.789	0.2156
HRZ 057	17.89	3.790	0.2154
	17.90	3.795	0.2150
HRZ 058	17.92	3.786	0.2154
	17.91	3.785	0.2155
HRZ 059	17.90	3.789	0.2154
	17.91	3.788	0.2153
HRZ 060	17.92	3.785	0.2154
	17.93	3.784	0.2154
HRZ 061	17.83	3.795	0.2155
	17.82	3.797	0.2155
HRZ 062	17.85	3.795	0.2154
	17.86	3.796	0.2152
HRZ 063	17.80	3.798	0.2156
	17.81	3.801	0.2153
HRZ 064	17.86	3.796	0.2152
	17.85	3.797	0.2153
	min FeO	max FeO	
	0.2150	0.2168	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 065	17.58	3.827	0.2156
	17.59	3.826	0.2155
HRZ 066	17.5	3.835	0.2157
	17.49	3.840	0.2155
HRZ 067	17.48	3.843	0.2154
	17.51	3.838	0.2155
HRZ 068	17.59	3.825	0.2156
	17.58	3.826	0.2156
HRZ 069	17.49	3.827	0.2162
	17.49	3.828	0.2162
HRZ 070	17.57	3.818	0.2161
	17.57	3.818	0.2161
HRZ 071	17.48	3.830	0.2161
	17.44	3.828	0.2165
HRZ 072	17.58	3.830	0.2154
	17.56	3.831	0.2155
HRZ 073	17.67	3.821	0.2152
	17.68	3.816	0.2154
HRZ 074	17.71	3.804	0.2159
	17.70	3.804	0.2160
HRZ 075	17.64	3.819	0.2156
	17.65	3.817	0.2156
HRZ 076	17.71	3.811	0.2155
	17.71	3.811	0.2155
HRZ 077	17.65	3.817	0.2156
	17.66	3.818	0.2155
HRZ 078	17.71	3.809	0.2156
	17.70	3.809	0.2157
HRZ 079	17.66	3.816	0.2156
	17.64	3.816	0.2157
HRZ 080	17.69	3.804	0.2160
	17.72	3.803	0.2159
HRZ 081	17.74	3.801	0.2158
	17.68	3.801	0.2163
HRZ 082	17.72	3.801	0.2160
	17.74	3.800	0.2159
HRZ 083	17.75	3.804	0.2156
	17.68	3.805	0.2161
HRZ 084	17.74	3.797	0.2161
	17.78	3.796	0.2158
HRZ 085	17.74	3.800	0.2159
	17.71	3.800	0.2161
HRZ 086	17.74	3.800	0.2159
	17.78	3.801	0.2156
HRZ 087	17.74	3.802	0.2158
	17.73	3.801	0.2159
HRZ 088	17.78	3.799	0.2157
	17.78	3.801	0.2156
HRZ 089	17.83	3.796	0.2155
	17.84	3.795	0.2155
HRZ 090	17.84	3.793	0.2156
	17.86	3.791	0.2155
HRZ 091	17.74	3.794	0.2162
	17.81	3.792	0.2158
HRZ 092	17.86	3.792	0.2155
	17.85	3.792	0.2155
HRZ 093	17.83	3.791	0.2158
	17.82	3.791	0.2158
HRZ 094	17.82	3.792	0.2158
	17.85	3.791	0.2156
HRZ 095	17.72	3.791	0.2166
	17.82	3.791	0.2158
HRZ 096	17.85	3.792	0.2155
	17.84	3.790	0.2157
MW TSA Scheibe 2	**17.74**	**3.803**	**0.2157**
Std.-dev.	0.097	0.012	0.0002

Sample name	%T 1000nm	d in mm	% FeO
HRZ 097	17.84	3.789	0.2158
	17.84	3.789	0.2158
HRZ 098	17.84	3.791	0.2157
	17.84	3.790	0.2157
HRZ 099	17.85	3.790	0.2157
	17.84	3.790	0.2157
HRZ 100	17.81	3.790	0.2160
	17.84	3.791	0.2157
HRZ 101	17.84	3.790	0.2157
	17.84	3.790	0.2157
HRZ 102	17.82	3.791	0.2158
	17.83	3.792	0.2157
HRZ 103	17.85	3.791	0.2156
	17.82	3.790	0.2159
HRZ 104	17.82	3.791	0.2158
	17.83	3.792	0.2157
HRZ 105	17.80	3.794	0.2158
	17.78	3.796	0.2158
HRZ 106	17.82	3.793	0.2157
	17.83	3.793	0.2156
HRZ 107	17.79	3.798	0.2156
	17.80	3.797	0.2156
HRZ 108	17.83	3.794	0.2154
	17.81	3.796	0.2156
HRZ 109	17.78	3.797	0.2158
	17.80	3.798	0.2156
HRZ 110	17.82	3.792	0.2158
	17.83	3.793	0.2156
HRZ 111	17.80	3.795	0.2157
	17.79	3.794	0.2159
HRZ 112	17.83	3.795	0.2155
	17.76	3.791	0.2163
HRZ 113	17.79	3.801	0.2155
	17.80	3.800	0.2155
HRZ 114	17.77	3.801	0.2156
	17.78	3.801	0.2156
HRZ 115	17.79	3.800	0.2155
	17.79	3.800	0.2155
HRZ 116	17.74	3.802	0.2158
	17.76	3.802	0.2156
HRZ 117	17.79	3.801	0.2155
	17.75	3.801	0.2158
HRZ 118	17.77	3.800	0.2157
	17.78	3.801	0.2156
HRZ 119	17.79	3.800	0.2155
	17.78	3.800	0.2156
HRZ 120	17.78	3.800	0.2156
	17.77	3.803	0.2155
HRZ 121	17.76	3.801	0.2157
	17.77	3.802	0.2156
HRZ 122	17.76	3.801	0.2157
	17.76	3.804	0.2156
HRZ 123	17.77	3.800	0.2157
	17.77	3.801	0.2156
HRZ 124	17.73	3.801	0.2159
	17.75	3.801	0.2158
HRZ 125	17.76	3.800	0.2158
	17.77	3.800	0.2157
HRZ 126	17.76	3.801	0.2157
	17.770	3.801	0.2156
HRZ 127	17.76	3.800	0.2158
	17.77	3.801	0.2156
HRZ 128	17.76	3.802	0.2156
	17.77	3.801	0.2156
	min FeO	max FeO	
	0.2152	0.2166	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 065	17.58	3.827	0.2156
	17.59	3.826	0.2155
HRZ 066	17.5	3.835	0.2157
	17.49	3.840	0.2155
HRZ 067	17.48	3.843	0.2154
	17.51	3.838	0.2155
HRZ 068	17.59	3.825	0.2156
	17.58	3.826	0.2156
HRZ 069	17.49	3.827	0.2162
	17.49	3.828	0.2162
HRZ 070	17.57	3.818	0.2161
	17.57	3.818	0.2161
HRZ 071	17.48	3.830	0.2161
	17.44	3.828	0.2165
HRZ 072	17.58	3.830	0.2154
	17.56	3.831	0.2155
HRZ 073	17.67	3.821	0.2152
	17.68	3.816	0.2154
HRZ 074	17.71	3.804	0.2159
	17.70	3.804	0.2160
HRZ 075	17.64	3.819	0.2156
	17.65	3.817	0.2156
HRZ 076	17.71	3.811	0.2155
	17.71	3.811	0.2155
HRZ 077	17.65	3.817	0.2156
	17.66	3.818	0.2155
HRZ 078	17.71	3.809	0.2156
	17.70	3.809	0.2157
HRZ 079	17.66	3.816	0.2156
	17.64	3.816	0.2157
HRZ 080	17.69	3.804	0.2160
	17.72	3.803	0.2159
HRZ 081	17.74	3.801	0.2158
	17.68	3.801	0.2163
HRZ 082	17.72	3.801	0.2160
	17.74	3.800	0.2159
HRZ 083	17.75	3.804	0.2156
	17.68	3.805	0.2161
HRZ 084	17.74	3.797	0.2161
	17.78	3.796	0.2158
HRZ 085	17.74	3.800	0.2159
	17.71	3.800	0.2161
HRZ 086	17.74	3.800	0.2159
	17.78	3.801	0.2156
HRZ 087	17.74	3.802	0.2158
	17.73	3.801	0.2159
HRZ 088	17.78	3.799	0.2157
	17.78	3.801	0.2156
HRZ 089	17.83	3.796	0.2155
	17.84	3.795	0.2155
HRZ 090	17.84	3.793	0.2156
	17.86	3.791	0.2155
HRZ 091	17.74	3.794	0.2162
	17.81	3.792	0.2158
HRZ 092	17.86	3.792	0.2155
	17.85	3.792	0.2155
HRZ 093	17.83	3.791	0.2158
	17.82	3.791	0.2158
HRZ 094	17.82	3.792	0.2158
	17.85	3.791	0.2156
HRZ 095	17.72	3.791	0.2166
	17.82	3.791	0.2158
HRZ 096	17.85	3.792	0.2155
	17.84	3.790	0.2157
MW TSA Scheibe 2	**17.74**	**3.803**	**0.2157**
Std.-dev.	0.097	0.012	0.0002

Sample name	%T 1000nm	d in mm	% FeO
HRZ 097	17.84	3.789	0.2158
	17.84	3.789	0.2158
HRZ 098	17.84	3.791	0.2157
	17.84	3.790	0.2157
HRZ 099	17.85	3.790	0.2157
	17.84	3.790	0.2157
HRZ 100	17.81	3.790	0.2160
	17.84	3.791	0.2157
HRZ 101	17.84	3.790	0.2157
	17.84	3.790	0.2157
HRZ 102	17.82	3.791	0.2158
	17.83	3.792	0.2157
HRZ 103	17.85	3.791	0.2156
	17.82	3.790	0.2159
HRZ 104	17.82	3.791	0.2158
	17.83	3.792	0.2157
HRZ 105	17.80	3.794	0.2158
	17.78	3.796	0.2158
HRZ 106	17.82	3.793	0.2157
	17.83	3.793	0.2156
HRZ 107	17.79	3.798	0.2156
	17.80	3.797	0.2156
HRZ 108	17.83	3.794	0.2154
	17.81	3.796	0.2156
HRZ 109	17.78	3.797	0.2158
	17.80	3.798	0.2156
HRZ 110	17.82	3.792	0.2158
	17.83	3.793	0.2156
HRZ 111	17.80	3.795	0.2157
	17.79	3.794	0.2159
HRZ 112	17.83	3.795	0.2155
	17.76	3.791	0.2163
HRZ 113	17.79	3.801	0.2155
	17.80	3.800	0.2155
HRZ 114	17.77	3.801	0.2156
	17.78	3.801	0.2156
HRZ 115	17.79	3.800	0.2155
	17.79	3.800	0.2155
HRZ 116	17.74	3.802	0.2158
	17.76	3.802	0.2156
HRZ 117	17.79	3.801	0.2155
	17.75	3.801	0.2158
HRZ 118	17.77	3.800	0.2157
	17.78	3.801	0.2156
HRZ 119	17.79	3.800	0.2155
	17.78	3.800	0.2156
HRZ 120	17.78	3.800	0.2156
	17.77	3.803	0.2155
HRZ 121	17.76	3.801	0.2157
	17.77	3.802	0.2156
HRZ 122	17.76	3.801	0.2157
	17.76	3.804	0.2156
HRZ 123	17.77	3.800	0.2157
	17.77	3.801	0.2156
HRZ 124	17.73	3.801	0.2159
	17.75	3.801	0.2158
HRZ 125	17.76	3.800	0.2158
	17.77	3.800	0.2157
HRZ 126	17.76	3.801	0.2157
	17.770	3.801	0.2156
HRZ 127	17.76	3.800	0.2158
	17.77	3.801	0.2156
HRZ 128	17.76	3.802	0.2156
	17.77	3.801	0.2156
	min FeO	max FeO	
	0.2152	0.2166	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 129	17.76	3.800	0.2158
	17.77	3.801	0.2155
HRZ 130	17.76	3.803	0.2156
	17.78	3.803	0.2154
HRZ 131	17.75	3.801	0.2158
	17.76	3.803	0.2156
HRZ 132	17.76	3.803	0.2156
	17.76	3.801	0.2157
HRZ 133	17.76	3.801	0.2157
	17.77	3.802	0.2156
HRZ 134	17.76	3.802	0.2156
	17.76	3.803	0.2156
HRZ 135	17.76	3.801	0.2157
	17.76	3.801	0.2157
HRZ 136	17.76	3.801	0.2157
	17.76	3.801	0.2157
HRZ 137	17.78	3.801	0.2156
	17.77	3.801	0.2156
HRZ 138	17.78	3.802	0.2155
	17.77	3.801	0.2156
HRZ 139	17.76	3.801	0.2157
	17.76	3.801	0.2157
HRZ 140	17.78	3.799	0.2157
	17.78	3.799	0.2157
HRZ 141	17.76	3.801	0.2157
	17.74	3.801	0.2158
HRZ 142	17.77	3.799	0.2157
	17.77	3.799	0.2157
HRZ 143	17.75	3.801	0.2158
	17.76	3.801	0.2157
HRZ 144	17.77	3.802	0.2156
	17.77	3.803	0.2155
HRZ 145	17.70	3.799	0.2163
	17.78	3.801	0.2156
HRZ 146	17.78	3.799	0.2157
	17.78	3.799	0.2157
HRZ 147	17.77	3.799	0.2157
	17.78	3.801	0.2156
HRZ 148	17.78	3.799	0.2157
	17.77	3.799	0.2157
HRZ 149	17.78	3.801	0.2156
	17.78	3.799	0.2157
HRZ 150	17.78	3.799	0.2157
	17.79	3.799	0.2155
HRZ 151	17.78	3.799	0.2157
	17.78	3.799	0.2157
HRZ 152	17.78	3.799	0.2157
	17.78	3.799	0.2157
HRZ 153	17.76	3.801	0.2157
	17.78	3.800	0.2156
HRZ 154	17.77	3.801	0.2156
	17.76	3.801	0.2157
HRZ 155	17.77	3.801	0.2156
	17.78	3.801	0.2156
HRZ 156	17.77	3.801	0.2156
	17.76	3.800	0.2158
HRZ 157	17.78	3.800	0.2156
	17.78	3.800	0.2156
HRZ 158	17.74	3.801	0.2158
	17.68	3.801	0.2163
HRZ 159	17.78	3.801	0.2156
	17.78	3.800	0.2156
HRZ 160	17.77	3.802	0.2156
	17.77	3.801	0.2156
MW TSA Scheibe 3	**17.72**	**3.807**	**0.2157**
Std.-dev.	0.060	0.0083	0.0001

Sample name	%T 1000nm	d in mm	% FeO
HRZ 161	17.74	3.804	0.2157
	17.76	3.804	0.2155
HRZ 162	17.72	3.807	0.2157
	17.73	3.807	0.2158
HRZ 163	17.74	3.801	0.2158
	17.75	3.801	0.2158
HRZ 164	17.72	3.803	0.2159
	17.73	3.805	0.2157
HRZ 165	17.71	3.802	0.2160
	17.75	3.802	0.2157
HRZ 166	17.73	3.802	0.2159
	17.72	3.803	0.2159
HRZ 167	17.76	3.801	0.2157
	17.73	3.802	0.2159
HRZ 168	17.72	3.803	0.2159
	17.73	3.805	0.2157
HRZ 169	17.70	3.811	0.2156
	17.69	3.811	0.2157
HRZ 170	17.68	3.814	0.2156
	17.68	3.814	0.2156
HRZ 171	17.71	3.811	0.2155
	17.71	3.811	0.2155
HRZ 172	17.69	3.814	0.2155
	17.68	3.814	0.2156
HRZ 173	17.67	3.807	0.2160
	17.71	3.807	0.2157
HRZ 174	17.68	3.813	0.2156
	17.68	3.812	0.2157
HRZ 175	17.69	3.810	0.2157
	17.70	3.811	0.2156
HRZ 176	17.69	3.815	0.2154
	17.70	3.815	0.2154
HRZ 177	17.65	3.817	0.2156
	17.65	3.818	0.2156
HRZ 178	17.64	3.818	0.2156
	17.63	3.818	0.2157
HRZ 179	17.66	3.818	0.2155
	17.60	3.820	0.2158
HRZ 180	17.64	3.821	0.2155
	17.65	3.820	0.2154
HRZ 181	17.65	3.819	0.2155
	17.65	3.818	0.2156
HRZ 182	17.65	3.821	0.2154
	17.62	3.820	0.2157
HRZ 183	17.65	3.819	0.2155
	17.66	3.820	0.2154
HRZ 184	17.64	3.820	0.2155
	17.64	3.819	0.2156
HRZ 185	17.61	3.820	0.2157
	17.61	3.819	0.2158
HRZ 186	17.62	3.820	0.2157
	17.63	3.820	0.2156
HRZ 187	17.62	3.821	0.2156
	17.62	3.820	0.2157
HRZ 188	17.61	3.820	0.2157
	17.62	3.820	0.2157
HRZ 189	17.61	3.822	0.2156
	17.6	3.821	0.2158
HRZ 190	17.63	3.821	0.2155
	17.61	3.821	0.2157
HRZ 191	17.60	3.821	0.2156
	17.63	3.820	0.2156
HRZ 192	17.63	3.820	0.2156
	17.62	3.821	0.2156
	min FeO	max FeO	
	0.2154	0.2163	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 193	17.74	3.802	0.2158
	17.75	3.804	0.2156
HRZ 194	17.74	3.805	0.2156
	17.74	3.803	0.2157
HRZ 195	17.74	3.803	0.2157
	17.74	3.802	0.2158
HRZ 196	17.73	3.802	0.2159
	17.74	3.802	0.2158
HRZ 197	17.72	3.804	0.2158
	17.74	3.803	0.2157
HRZ 198	17.68	3.802	0.2162
	17.74	3.802	0.2158
HRZ 199	17.72	3.804	0.2158
	17.73	3.803	0.2158
HRZ 200	17.73	3.803	0.2158
	17.73	3.802	0.2159
HRZ 201	17.76	3.802	0.2156
	17.75	3.802	0.2157
HRZ 202	17.71	3.803	0.2160
	17.74	3.803	0.2157
HRZ 203	17.75	3.801	0.2158
	17.75	3.801	0.2158
HRZ 204	17.75	3.801	0.2158
	17.75	3.801	0.2158
HRZ 205	17.67	3.802	0.2163
	17.75	3.802	0.2157
HRZ 206	17.72	3.803	0.2159
	17.72	3.803	0.2159
HRZ 207	17.74	3.802	0.2158
	17.74	3.801	0.2158
HRZ 208	17.74	3.802	0.2158
	17.74	3.804	0.2157
HRZ 209	17.74	3.803	0.2157
	17.73	3.803	0.2158
HRZ 210	17.74	3.803	0.2157
	17.74	3.801	0.2158
HRZ 211	17.73	3.802	0.2159
	17.74	3.802	0.2158
HRZ 212	17.73	3.802	0.2159
	17.74	3.801	0.2158
HRZ 213	17.75	3.800	0.2158
	17.75	3.802	0.2157
HRZ 214	17.72	3.803	0.2159
	17.71	3.803	0.2160
HRZ 215	17.75	3.802	0.2157
	17.73	3.802	0.2159
HRZ 216	17.74	3.803	0.2157
	17.73	3.803	0.2158
HRZ 217	17.73	3.805	0.2157
	17.74	3.806	0.2156
HRZ 218	17.69	3.806	0.2159
	17.73	3.808	0.2155
HRZ 219	17.73	3.807	0.2156
	17.73	3.807	0.2156
HRZ 220	17.73	3.807	0.2156
	17.72	3.807	0.2157
HRZ 221	17.70	3.807	0.2158
	17.68	3.806	0.2160
HRZ 222	17.72	3.806	0.2157
	17.73	3.806	0.2156
HRZ 223	17.73	3.806	0.2156
	17.72	3.806	0.2157
HRZ 224	17.71	3.806	0.2158
	17.71	3.806	0.2158
MW TSA Scheibe 4	**17.69**	**3.809**	**0.2157**
Std.-dev.	0.043	0.0070	0.00020

Sample name	%T 1000nm	d in mm	% FeO
HRZ 225	17.66	3.811	0.2159
	17.66	3.811	0.2159
HRZ 226	17.66	3.811	0.2159
	17.67	3.809	0.2159
HRZ 227	17.63	3.811	0.2161
	17.63	3.811	0.2161
HRZ 228	17.67	3.807	0.2160
	17.66	3.807	0.2161
HRZ 229	17.66	3.811	0.2159
	17.66	3.810	0.2159
HRZ 230	17.68	3.808	0.2159
	17.67	3.807	0.2160
HRZ 231	17.66	3.811	0.2159
	17.62	3.809	0.2163
HRZ 232	17.67	3.808	0.2160
	17.67	3.807	0.2160
HRZ 233	17.68	3.814	0.2156
	17.66	3.815	0.2156
HRZ 234	17.67	3.816	0.2155
	17.67	3.817	0.2155
HRZ 235	17.68	3.814	0.2156
	17.66	3.815	0.2156
HRZ 236	17.67	3.815	0.2156
	17.65	3.815	0.2157
HRZ 237	17.67	3.817	0.2155
	17.68	3.816	0.2154
HRZ 238	17.65	3.814	0.2158
	17.66	3.816	0.2156
HRZ 239	17.68	3.816	0.2154
	17.67	3.814	0.2156
HRZ 240	17.66	3.816	0.2156
	17.64	3.814	0.2159
HRZ 241	17.67	3.817	0.2155
	17.67	3.816	0.2155
HRZ 242	17.66	3.817	0.2155
	17.66	3.819	0.2154
HRZ 243	17.64	3.820	0.2155
	17.66	3.814	0.2157
HRZ 244	17.67	3.816	0.2155
	17.60	3.817	0.2160
HRZ 245	17.66	3.817	0.2155
	17.65	3.820	0.2154
HRZ 246	17.64	3.820	0.2155
	17.65	3.815	0.2157
HRZ 247	17.67	3.817	0.2155
	17.65	3.813	0.2158
HRZ 248	17.64	3.814	0.2159
	17.69	3.820	0.2151
HRZ 249	17.63	3.818	0.2157
	17.64	3.819	0.2156
HRZ 250	17.62	3.821	0.21560
	17.63	3.822	0.21550
HRZ 251	17.65	3.819	0.21550
	17.63	3.82	0.21560
HRZ 252	17.63	3.822	0.2155
	17.61	3.822	0.2156
HRZ 253	17.65	3.82	0.2154
	17.64	3.821	0.2155
HRZ 254	17.64	3.822	0.21540
	17.64	3.821	0.21550
HRZ 255	17.64	3.821	0.2155
	17.64	3.819	0.2156
HRZ 256	17.64	3.821	0.2155
	17.64	3.822	0.2154
	min FeO	max FeO	
	0.2151	0.2163	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 257-1	17.81	3.800	0.2154
	17.80	3.801	0.2154
HRZ 257-2	17.81	3.801	0.2153
	17.78	3.800	0.2156
HRZ 258-1	17.79	3.799	0.2156
	17.79	3.800	0.2155
HRZ 258-2	17.79	3.800	0.2155
	17.80	3.800	0.2155
HRZ 259-1	17.76	3.800	0.2158
	17.80	3.800	0.2155
HRZ 259-2	17.77	3.800	0.2157
	17.79	3.800	0.2155
HRZ 260-1	17.81	3.799	0.2154
	17.80	3.799	0.2155
HRZ 260-2	17.81	3.799	0.2154
	17.80	3.799	0.2155
HRZ 261-1	17.80	3.801	0.2154
	17.77	3.805	0.2154
HRZ 261-2	17.82	3.794	0.2157
	17.78	3.798	0.2157
HRZ 262-1	17.77	3.806	0.2153
	17.76	3.801	0.2157
HRZ 262-2	17.82	3.795	0.2156
	17.81	3.798	0.2155
HRZ 263-1	17.76	3.801	0.2157
	17.77	3.803	0.2155
HRZ 263-2	17.80	3.798	0.2156
	17.84	3.793	0.2156
HRZ 264-1	17.76	3.799	0.2158
	17.79	3.802	0.2154
HRZ 264-2	17.84	3.796	0.2154
	17.81	3.797	0.2156
HRZ 265-1	17.77	3.793	0.2161
	17.87	3.789	0.2156
HRZ 265-2	17.85	3.788	0.2158
	17.89	3.789	0.2154
HRZ 266-1	17.84	3.791	0.2157
	17.87	3.791	0.2155
HRZ 266-2	17.89	3.787	0.2155
	17.85	3.789	0.2157
HRZ 267-1	17.87	3.789	0.2156
	17.87	3.790	0.2155
HRZ 267-2	17.86	3.788	0.2157
	17.89	3.786	0.2156
HRZ 268-1	17.87	3.790	0.2155
	17.88	3.789	0.2155
HRZ 268-2	17.90	3.788	0.2154
	17.83	3.787	0.2160
HRZ 269-1	17.91	3.786	0.2154
	17.91	3.785	0.2155
HRZ 269-2	17.92	3.785	0.2154
	17.91	3.784	0.2156
HRZ 270-1	17.90	3.785	0.2156
	17.90	3.786	0.2155
HRZ 270-2	17.90	3.784	0.2156
	17.90	3.784	0.2156
HRZ 271-1	17.89	3.786	0.2156
	17.89	3.786	0.2156
HRZ 271-2	17.90	3.784	0.2156
	17.90	3.784	0.2156
HRZ 272-1	17.90	3.786	0.2155
	17.90	3.785	0.2156
HRZ 272-2	17.86	3.785	0.2159
	17.90	3.785	0.2156
MW TSA Scheibe 5	**17.84**	**3.793**	**0.2156**
Std.-dev.	0.047	0.0065	0.00016

Sample name	%T 1000nm	d in mm	% FeO
HRZ 273-1	17.92	3.785	0.2154
	17.91	3.784	0.2156
HRZ 273-2	17.89	3.787	0.2155
	17.90	3.786	0.2155
HRZ 274-1	17.89	3.784	0.2157
	17.90	3.784	0.2156
HRZ 274-2	17.89	3.786	0.2156
	17.82	3.786	0.2161
HRZ 275-1	17.89	3.787	0.2155
	17.88	3.787	0.2156
HRZ 275-2	17.89	3.786	0.2156
	17.89	3.786	0.2156
HRZ 276-1	17.91	3.784	0.2156
	17.89	3.787	0.2155
HRZ 276-2	17.91	3.790	0.2152
	17.89	3.788	0.2155
HRZ 277-1	17.87	3.792	0.2154
	17.86	3.793	0.2154
HRZ 277-2	17.84	3.793	0.2156
	17.84	3.793	0.2156
HRZ 278-1	17.86	3.790	0.2156
	17.86	3.789	0.2156
HRZ 278-2	17.84	3.793	0.2156
	17.84	3.792	0.2156
HRZ 279-1	17.87	3.789	0.2156
	17.89	3.788	0.2155
HRZ 279-2	17.84	3.793	0.2156
	17.85	3.792	0.2155
HRZ 280-1	17.88	3.788	0.2156
	17.87	3.787	0.2157
HRZ 280-2	17.85	3.792	0.2155
	17.85	3.792	0.2155
HRZ 281-1	17.83	3.798	0.2154
	17.82	3.794	0.2157
HRZ 281-2	17.80	3.799	0.2155
	17.80	3.798	0.2156
HRZ 282-1	17.82	3.795	0.2156
	17.81	3.795	0.2157
HRZ 282-2	17.80	3.798	0.2156
	17.80	3.797	0.2156
HRZ 283-1	17.81	3.795	0.2157
	17.82	3.795	0.2156
HRZ 283-2	17.81	3.796	0.2156
	17.80	3.799	0.2155
HRZ 284-1	17.82	3.795	0.2156
	17.83	3.795	0.2155
HRZ 284-2	17.78	3.798	0.2157
	17.81	3.797	0.2156
HRZ 285-1	17.80	3.801	0.2154
	17.81	3.798	0.2155
HRZ 285-2	17.80	3.802	0.2153
	17.79	3.812	0.2149
HRZ 286-1	17.80	3.798	0.2156
	17.80	3.798	0.2156
HRZ 286-2	17.79	3.801	0.2155
	17.78	3.801	0.2156
HRZ 287-1	17.80	3.798	0.2156
	17.77	3.798	0.2158
HRZ 287-2	17.79	3.804	0.2153
	17.79	3.800	0.2155
HRZ 288-1	17.73	3.799	0.2160
	17.81	3.805	0.2151
HRZ 288-2	17.79	3.804	0.2153
	17.80	3.802	0.2153
	min FeO	max FeO	
	0.2149	0.2161	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 289-1	17.68	3.822	0.2151
	17.66	3.823	0.2152
HRZ 289-2	17.67	3.822	0.2152
	17.66	3.822	0.2153
HRZ 290-1	17.64	3.821	0.2155
	17.67	3.824	0.2151
HRZ 290-2	17.66	3.821	0.2153
	17.66	3.822	0.2153
HRZ 291-1	17.64	3.821	0.2155
	17.67	3.822	0.2152
HRZ 291-2	17.66	3.822	0.2153
	17.66	3.821	0.2153
HRZ 292-1	17.67	3.823	0.2151
	17.67	3.822	0.2152
HRZ 292-2	17.66	3.822	0.2153
	17.68	3.820	0.2152
HRZ 293-1	17.68	3.820	0.2152
	17.70	3.816	0.2153
HRZ 293-2	17.67	3.825	0.2150
	17.68	3.818	0.2153
HRZ 294-1	17.66	3.821	0.2153
	17.70	3.817	0.2152
HRZ 294-2	17.67	3.820	0.2153
	17.70	3.816	0.2153
HRZ 295-1	17.68	3.819	0.2153
	17.71	3.816	0.2152
HRZ 295-2	17.67	3.820	0.2153
	17.70	3.816	0.2153
HRZ 296-1	17.65	3.820	0.2154
	17.69	3.815	0.2154
HRZ 296-2	17.66	3.822	0.2153
	17.69	3.819	0.2152
HRZ 297-1	17.72	3.814	0.2153
	17.76	3.809	0.2152
HRZ 297-2	17.71	3.814	0.2153
	17.76	3.809	0.2152
HRZ 298-1	17.73	3.815	0.2151
	17.73	3.808	0.2155
HRZ 298-2	17.72	3.814	0.2153
	17.72	3.808	0.2156
HRZ 299-1	17.72	3.814	0.2153
	17.76	3.808	0.2153
HRZ 299-2	17.72	3.814	0.2153
	17.77	3.809	0.2152
HRZ 300-1	17.52	3.815	0.2167
	17.77	3.808	0.2152
HRZ 300-2	17.70	3.814	0.2154
	17.77	3.808	0.2152
HRZ 301-1	17.78	3.807	0.2152
	17.80	3.802	0.2153
HRZ 301-2	17.40	3.807	0.2180
	17.78	3.803	0.2154
HRZ 302-1	17.77	3.807	0.2153
	17.79	3.802	0.2154
HRZ 302-2	17.75	3.808	0.2154
	17.78	3.803	0.2154
HRZ 303-1	17.74	3.807	0.2155
	17.79	3.802	0.2154
HRZ 303-2	17.78	3.807	0.2152
	17.79	3.802	0.2154
HRZ 304-1	17.78	3.807	0.2152
	17.81	3.802	0.2153
HRZ 304-2	17.78	3.810	0.2150
	17.80	3.804	0.2152
MW TSA Scheibe 6	**17.76**	**3.807**	**0.2154**
Std.-dev.	0.071	0.0086	0.00030

Sample name	%T 1000nm	d in mm	% FeO
HRZ 305-1	17.80	3.802	0.2153
	17.79	3.799	0.2156
HRZ 305-2	17.80	3.801	0.2154
	17.82	3.798	0.2154
HRZ 306-1	17.80	3.801	0.2154
	17.81	3.799	0.2154
HRZ 306-2	17.79	3.802	0.2154
	17.82	3.799	0.2154
HRZ 307-1	17.78	3.805	0.2153
	17.80	3.801	0.2154
HRZ 307-2	17.80	3.804	0.2152
	17.82	3.801	0.2153
HRZ 308-1	17.83	3.802	0.2151
	17.79	3.799	0.2156
HRZ 308-2	17.82	3.798	0.2154
	17.82	3.799	0.2154
HRZ 309-1	17.80	3.799	0.2155
	17.80	3.799	0.2155
HRZ 309-2	17.82	3.802	0.2152
	17.82	3.800	0.2153
HRZ 310-1	17.81	3.799	0.2154
	17.81	3.799	0.2154
HRZ 310-2	17.82	3.799	0.2154
	17.82	3.799	0.2154
HRZ 311-1	17.84	3.798	0.2153
	17.83	3.799	0.2153
HRZ 311-2	17.83	3.798	0.2154
	17.83	3.799	0.2153
HRZ 312-1	17.82	3.798	0.2154
	17.82	3.799	0.2154
HRZ 312-2	17.83	3.800	0.2152
	17.83	3.799	0.2153
HRZ 313-1	17.82	3.798	0.2154
	17.81	3.799	0.2154
HRZ 313-2	17.82	3.798	0.2154
	17.80	3.807	0.2151
HRZ 314-1	17.82	3.798	0.2151
	17.80	3.807	0.2153
HRZ 314-2	17.82	3.801	0.2153
	17.81	3.802	0.2155
HRZ 315-1	17.81	3.801	0.2153
	17.80	3.802	0.2153
HRZ 315-2	17.81	3.800	0.2154
	17.80	3.803	0.2153
HRZ 316-1	17.77	3.800	0.2157
	17.83	3.800	0.2152
HRZ 316-2	17.82	3.800	0.2153
	17.81	3.804	0.2152
HRZ 317-1	17.80	3.801	0.2154
	17.80	3.804	0.2152
HRZ 317-2	17.81	3.801	0.2153
	17.81	3.801	0.2153
HRZ 318-1	17.80	3.802	0.2153
	17.80	3.801	0.2154
HRZ 318-2	17.75	3.804	0.2156
	17.80	3.801	0.2154
HRZ 319-1	17.80	3.800	0.2155
	17.82	3.801	0.2153
HRZ 319-2	17.80	3.800	0.2155
	17.79	3.801	0.2155
HRZ 320-1	17.81	3.800	0.2154
	17.79	3.801	0.2155
HRZ 320-2	17.80	3.802	0.2153
	17.80	3.802	0.2153
	min FeO	max FeO	
	0.2150	0.2180	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 321	17.75	3.801	0.2158
	17.76	3.799	0.2158
HRZ 322	17.74	3.802	0.2158
	17.75	3.801	0.2158
HRZ 323	17.74	3.803	0.2157
	17.73	3.800	0.2160
HRZ 324	17.75	3.802	0.2157
	17.75	3.800	0.2158
HRZ 325	17.75	3.801	0.2158
	17.73	3.800	0.2160
HRZ 326	17.75	3.802	0.2157
	17.73	3.799	0.2160
HRZ 327	17.76	3.801	0.2157
	17.75	3.800	0.2158
HRZ 328	17.72	3.801	0.2160
	17.75	3.802	0.2157
HRZ 329	17.76	3.800	0.2158
	17.77	3.798	0.2158
HRZ 330	17.75	3.799	0.2159
	17.78	3.797	0.2158
HRZ 331	17.76	3.804	0.2155
	17.76	3.797	0.2159
HRZ 332	17.77	3.799	0.2157
	17.77	3.798	0.2158
HRZ 333	17.77	3.800	0.2157
	17.77	3.798	0.2158
HRZ 334	17.76	3.798	0.2159
	17.77	3.798	0.2158
HRZ 335	17.78	3.800	0.2156
	17.78	3.798	0.2157
HRZ 336	17.77	3.800	0.2157
	17.75	3.798	0.2159
HRZ 337	17.74	3.797	0.2161
	17.79	3.794	0.2159
HRZ 338	17.77	3.797	0.2159
	17.77	3.793	0.2161
HRZ 339	17.76	3.798	0.2159
	17.78	3.795	0.2159
HRZ 340	17.77	3.797	0.2159
	17.78	3.793	0.2160
HRZ 341	17.76	3.797	0.2159
	17.78	3.794	0.2160
HRZ 342	17.75	3.798	0.2159
	17.76	3.795	0.2160
HRZ 343	17.78	3.797	0.2158
	17.81	3.794	0.2157
HRZ 344	17.79	3.798	0.2156
	17.80	3.792	0.2159
HRZ 345	17.80	3.792	0.2159
	17.83	3.789	0.2159
HRZ 346	17.80	3.793	0.2159
	17.83	3.791	0.2158
HRZ 347	17.74	3.793	0.2163
	17.79	3.790	0.2161
HRZ 348	17.81	3.792	0.2158
	17.82	3.791	0.2158
HRZ 349	17.81	3.792	0.2158
	17.82	3.789	0.2159
HRZ 350	17.81	3.791	0.2159
	17.83	3.789	0.2159
HRZ 351	17.82	3.792	0.2158
	17.84	3.789	0.2158
HRZ 352	17.83	3.791	0.2158
	17.83	3.789	0.2159
MW TSA Scheibe 7	**17.75**	**3.799**	**0.2159**
Std.-dev.	0.071	0.0086	0.00015

Sample name	%T 1000nm	d in mm	% FeO
HRZ 353	17.84	3.788	0.2158
	17.84	3.789	0.2158
HRZ 354	17.83	3.789	0.2159
	17.82	3.790	0.2159
HRZ 355	17.81	3.788	0.2161
	17.79	3.790	0.2161
HRZ 356	17.83	3.789	0.2159
	17.81	3.791	0.2159
HRZ 357	17.82	3.788	0.2160
	17.81	3.791	0.2159
HRZ 358	17.82	3.793	0.2157
	17.81	3.792	0.2158
HRZ 359	17.84	3.790	0.2157
	17.80	3.792	0.2159
HRZ 360	17.81	3.789	0.2160
	17.80	3.791	0.2160
HRZ 361	17.78	3.797	0.2158
	17.75	3.797	0.2160
HRZ 362	17.80	3.795	0.2157
	17.80	3.796	0.2157
HRZ 363	17.77	3.793	0.2161
	17.75	3.798	0.2159
HRZ 364	17.79	3.793	0.2159
	17.68	3.797	0.2165
HRZ 365	17.79	3.793	0.2159
	17.75	3.799	0.2159
HRZ 366	17.79	3.792	0.2160
	17.73	3.800	0.2160
HRZ 367	17.78	3.793	0.2160
	17.73	3.801	0.2159
HRZ 368	17.78	3.794	0.2160
	17.73	3.801	0.2159
HRZ 369	17.77	3.798	0.2158
	17.71	3.803	0.2160
HRZ 370	17.76	3.797	0.2159
	17.70	3.804	0.2160
HRZ 371	17.76	3.798	0.2159
	17.69	3.807	0.2159
HRZ 372	17.69	3.799	0.2163
	17.67	3.808	0.2160
HRZ 373	17.71	3.801	0.2161
	17.67	3.809	0.2159
HRZ 374	17.72	3.801	0.2160
	17.65	3.811	0.2159
HRZ 375	17.72	3.802	0.2159
	17.61	3.812	0.2162
HRZ 376	17.69	3.803	0.2161
	17.57	3.814	0.2164
HRZ 377	17.70	3.804	0.2160
	17.69	3.808	0.2158
HRZ 378	17.68	3.805	0.2161
	17.65	3.811	0.2159
HRZ 379	17.67	3.807	0.2160
	17.62	3.816	0.2159
HRZ 380	17.62	3.809	0.2163
	17.58	3.819	0.2160
HRZ 381	17.64	3.813	0.2159
	17.57	3.825	0.2158
HRZ 382	17.59	3.817	0.2161
	17.53	3.828	0.2159
HRZ 383	17.61	3.814	0.2161
	17.53	3.828	0.2159
HRZ 384	17.59	3.818	0.2160
	17.53	3.828	0.2159
	min FeO	max FeO	
	0.2155	0.2165	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 385	17.74	3.801	0.2158
	17.74	3.803	0.2157
HRZ 386	17.71	3.801	0.2161
	17.73	3.803	0.2158
HRZ 387	17.71	3.802	0.2160
	17.72	3.802	0.2159
HRZ 388	17.73	3.801	0.2159
	17.74	3.802	0.2158
HRZ 389	17.73	3.804	0.2158
	17.73	3.802	0.2159
HRZ 390	17.71	3.801	0.2161
	17.71	3.802	0.2160
HRZ 391	17.73	3.800	0.2160
	17.74	3.803	0.2157
HRZ 392	17.73	3.800	0.2160
	17.73	3.802	0.2159
HRZ 393	17.73	3.802	0.2159
	17.69	3.802	0.2162
HRZ 394	17.68	3.803	0.2162
	17.73	3.803	0.2158
HRZ 395	17.73	3.801	0.2159
	17.71	3.801	0.2161
HRZ 396	17.52	3.803	0.2174
	17.71	3.804	0.2159
HRZ 397	17.74	3.802	0.2158
	17.71	3.804	0.2159
HRZ 398	17.72	3.802	0.2159
	17.70	3.804	0.2160
HRZ 399	17.70	3.802	0.2161
	17.72	3.802	0.2159
HRZ 400	17.72	3.801	0.2160
	17.70	3.804	0.2160
HRZ 401	17.72	3.805	0.2158
	17.73	3.806	0.2156
HRZ 402	17.73	3.804	0.2158
	17.70	3.805	0.2159
HRZ 403	17.72	3.804	0.2158
	17.71	3.804	0.2159
HRZ 404	17.74	3.804	0.2157
	17.71	3.804	0.2159
HRZ 405	17.74	3.803	0.2157
	17.69	3.806	0.2159
HRZ 406	17.73	3.804	0.2158
	17.73	3.805	0.2157
HRZ 407	17.73	3.802	0.2159
	17.73	3.804	0.2158
HRZ 408	17.74	3.802	0.2158
	17.72	3.805	0.2158
HRZ 409	17.70	3.804	0.2160
	17.69	3.806	0.2159
HRZ 410	17.72	3.804	0.2158
	17.69	3.806	0.2159
HRZ 411	17.72	3.803	0.2159
	17.70	3.805	0.2159
HRZ 412	17.71	3.803	0.2160
	17.69	3.807	0.2159
HRZ 413	17.72	3.804	0.2158
	17.68	3.807	0.2160
HRZ 414	17.70	3.804	0.2160
	17.69	3.806	0.2159
HRZ 415	17.66	3.804	0.2163
	17.69	3.807	0.2159
HRZ 416	17.71	3.805	0.2158
	17.69	3.806	0.2159
MW TSA Scheibe 8	**17.68**	**3.809**	**0.2158**
Std.-dev.	0.040	0.0065	0.00022

Sample name	%T 1000nm	d in mm	% FeO
HRZ 417	17.70	3.809	0.2157
	17.69	3.810	0.2157
HRZ 418	17.70	3.808	0.2157
	17.68	3.811	0.2157
HRZ 419	17.70	3.809	0.2157
	17.67	3.812	0.2157
HRZ 420	17.69	3.809	0.2158
	17.68	3.813	0.2156
HRZ 421	17.67	3.809	0.2159
	17.66	3.813	0.2158
HRZ 422	17.69	3.811	0.2157
	17.67	3.812	0.2157
HRZ 423	17.69	3.810	0.2157
	17.68	3.813	0.2156
HRZ 424	17.69	3.810	0.2157
	17.66	3.813	0.2158
HRZ 425	17.69	3.813	0.2155
	17.66	3.815	0.2156
HRZ 426	17.68	3.813	0.2156
	17.56	3.815	0.2164
HRZ 427	17.68	3.813	0.2156
	17.62	3.815	0.2159
HRZ 428	17.66	3.813	0.2158
	17.67	3.815	0.2156
HRZ 429	17.68	3.813	0.2156
	17.67	3.815	0.2156
HRZ 430	17.67	3.813	0.2157
	17.68	3.815	0.2155
HRZ 431	17.68	3.813	0.2156
	17.67	3.815	0.2156
HRZ 432	17.68	3.813	0.2156
	17.68	3.815	0.2155
HRZ 433	17.65	3.814	0.2158
	17.64	3.817	0.2157
HRZ 434	17.64	3.815	0.2158
	17.61	3.817	0.2159
HRZ 435	17.66	3.815	0.2156
	17.65	3.817	0.2156
HRZ 436	17.66	3.814	0.2157
	17.64	3.819	0.2156
HRZ 437	17.66	3.815	0.2156
	17.63	3.816	0.2158
HRZ 438	17.66	3.815	0.2156
	17.65	3.816	0.2157
HRZ 439	17.66	3.814	0.2157
	17.65	3.818	0.2156
HRZ 440	17.67	3.815	0.2156
	17.65	3.817	0.2156
HRZ 441	17.64	3.818	0.2156
	17.63	3.822	0.2155
HRZ 442	17.63	3.819	0.2156
	17.62	3.821	0.2156
HRZ 443	17.64	3.820	0.2155
	17.61	3.822	0.2156
HRZ 444	17.63	3.819	0.2156
	17.61	3.821	0.2157
HRZ 445	17.64	3.818	0.2156
	17.63	3.819	0.2156
HRZ 446	17.62	3.818	0.2158
	17.63	3.823	0.2154
HRZ 447	17.63	3.817	0.2158
	17.62	3.820	0.2157
HRZ 448	17.65	3.817	0.2156
	17.63	3.820	0.2156
	min FeO	max FeO	
	0.2154	0.2174	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 449	17.73	3.806	0.2156
	17.76	3.792	0.2162
HRZ 450	17.73	3.808	0.2155
	17.74	3.799	0.2160
HRZ 451	17.74	3.802	0.2158
	17.72	3.804	0.2158
HRZ 452	17.68	3.806	0.2160
	17.70	3.792	0.2167
HRZ 453	17.71	3.797	0.2163
	17.72	3.802	0.2159
HRZ 454	17.69	3.805	0.2160
	17.73	3.795	0.2163
HRZ 455	17.74	3.797	0.2161
	17.71	3.808	0.2157
HRZ 456	17.66	3.809	0.2160
	17.71	3.798	0.2162
HRZ 457	17.79	3.795	0.2158
	17.83	3.788	0.2159
HRZ 458	17.67	3.796	0.2167
	17.69	3.791	0.2168
HRZ 459	17.74	3.798	0.2160
	17.78	3.791	0.2161
HRZ 460	17.72	3.798	0.2162
	17.76	3.791	0.2163
HRZ 461	17.71	3.798	0.2162
	17.78	3.791	0.2161
HRZ 462	17.75	3.797	0.2160
	17.79	3.789	0.2162
HRZ 463	17.78	3.793	0.2160
	17.75	3.796	0.2161
HRZ 464	17.78	3.788	0.2163
	17.75	3.793	0.2162
HRZ 465	17.85	3.788	0.2158
	17.84	3.784	0.2161
HRZ 466	17.85	3.790	0.2157
	17.87	3.783	0.2159
HRZ 467	17.85	3.789	0.2157
	17.88	3.784	0.2158
HRZ 468	17.84	3.790	0.2157
	17.86	3.788	0.2157
HRZ 469	17.83	3.791	0.2158
	17.84	3.785	0.2160
HRZ 470	17.83	3.791	0.2158
	17.85	3.787	0.2158
HRZ 471	17.82	3.791	0.2158
	17.86	3.787	0.2158
HRZ 472	17.83	3.792	0.2157
	17.86	3.786	0.2158
HRZ 473	17.91	3.779	0.2158
	17.89	3.781	0.2159
HRZ 474	17.88	3.782	0.2159
	17.87	3.780	0.2161
HRZ 475	17.91	3.781	0.2157
	17.89	3.781	0.2159
HRZ 476	17.89	3.782	0.2158
	17.90	3.781	0.2158
HRZ 477	17.89	3.779	0.2160
	17.87	3.782	0.2160
HRZ 478	17.84	3.786	0.2160
	17.90	3.781	0.2158
HRZ 479	17.89	3.780	0.2159
	17.87	3.783	0.2159
HRZ 480	17.87	3.784	0.2159
	17.89	3.782	0.2158
MW TSA Scheibe 9	**17.81**	**3.790**	**0.2160**
Std.-dev.	0.063	0.0080	0.00020

Sample name	%T 1000nm	d in mm	% FeO
HRZ 481	17.87	3.779	0.2161
	17.85	3.782	0.2161
HRZ 482	17.90	3.780	0.2159
	17.89	3.780	0.2159
HRZ 483	17.85	3.779	0.2163
	17.87	3.780	0.2161
HRZ 484	17.90	3.779	0.2159
	17.88	3.781	0.2160
HRZ 485	17.91	3.780	0.2158
	17.87	3.780	0.2161
HRZ 486	17.89	3.779	0.2160
	17.87	3.780	0.2161
HRZ 487	17.89	3.780	0.2159
	17.87	3.780	0.2161
HRZ 488	17.84	3.779	0.2164
	17.85	3.780	0.2162
HRZ 489	17.86	3.782	0.2160
	17.84	3.785	0.2160
HRZ 490	17.87	3.782	0.2160
	17.84	3.786	0.2160
HRZ 491	17.87	3.780	0.2161
	17.84	3.785	0.2160
HRZ 492	17.86	3.781	0.2161
	17.83	3.785	0.2161
HRZ 493	17.86	3.782	0.2160
	17.85	3.785	0.2159
HRZ 494	17.83	3.781	0.2163
	17.84	3.785	0.2160
HRZ 495	17.86	3.783	0.2160
	17.83	3.786	0.2160
HRZ 496	17.85	3.783	0.2161
	17.84	3.787	0.2159
HRZ 497	17.81	3.797	0.2156
	17.83	3.789	0.2159
HRZ 498	17.83	3.789	0.2159
	17.80	3.794	0.2158
HRZ 499	17.80	3.795	0.2157
	17.84	3.788	0.2158
HRZ 500	17.84	3.787	0.2159
	17.79	3.794	0.2159
HRZ 501	17.80	3.794	0.2158
	17.84	3.788	0.2158
HRZ 502	17.84	3.787	0.2159
	17.80	3.793	0.2159
HRZ 503	17.83	3.787	0.2160
	17.80	3.793	0.2159
HRZ 504	17.79	3.797	0.2157
	17.84	3.790	0.2157
HRZ 505	17.74	3.801	0.2158
	17.80	3.795	0.2157
HRZ 506	17.78	3.797	0.2158
	17.73	3.802	0.2159
HRZ 507	17.74	3.802	0.2158
	17.79	3.796	0.2158
HRZ 508	17.79	3.796	0.2158
	17.75	3.801	0.2158
HRZ 509	17.75	3.801	0.2158
	17.78	3.794	0.2160
HRZ 510	17.78	3.796	0.2158
	17.73	3.802	0.2159
HRZ 511	17.73	3.801	0.2159
	17.79	3.794	0.2159
HRZ 512	17.79	3.793	0.2159
	17.73	3.801	0.2159
	min FeO	max FeO	
	0.2155	0.2168	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 513	17.75	3.799	0.2159
	17.69	3.807	0.2159
HRZ 514	17.75	3.800	0.2158
	17.68	3.807	0.2160
HRZ 515	17.75	3.800	0.2158
	17.70	3.808	0.2157
HRZ 516	17.74	3.801	0.2158
	17.70	3.807	0.2158
HRZ 517	17.75	3.800	0.2158
	17.70	3.806	0.2159
HRZ 518	17.75	3.799	0.2159
	17.70	3.805	0.2159
HRZ 519	17.74	3.800	0.2159
	17.69	3.807	0.2159
HRZ 520	17.74	3.800	0.2159
	17.69	3.808	0.2158
HRZ 521	17.76	3.799	0.2158
	17.80	3.794	0.2158
HRZ 522	17.74	3.799	0.2160
	17.79	3.796	0.2158
HRZ 523	17.75	3.800	0.2158
	17.78	3.793	0.2160
HRZ 524	17.74	3.800	0.2159
	17.79	3.798	0.2156
HRZ 525	17.73	3.799	0.2160
	17.79	3.795	0.2158
HRZ 526	17.75	3.804	0.2156
	17.77	3.794	0.2160
HRZ 527	17.75	3.798	0.2159
	17.77	3.795	0.2160
HRZ 528	17.75	3.798	0.2159
	17.77	3.795	0.2160
HRZ 529	17.83	3.791	0.2158
	17.85	3.785	0.2159
HRZ 530	17.81	3.792	0.2158
	17.86	3.786	0.2158
HRZ 531	17.80	3.790	0.2160
	17.85	3.785	0.2159
HRZ 532	17.82	3.792	0.2158
	17.85	3.785	0.2159
HRZ 533	17.82	3.793	0.2157
	17.79	3.786	0.2163
HRZ 534	17.81	3.791	0.2159
	17.84	3.787	0.2159
HRZ 535	17.81	3.792	0.2158
	17.85	3.787	0.2158
HRZ 536	17.81	3.791	0.2159
	17.84	3.788	0.2158
HRZ 537	17.86	3.788	0.2157
	17.85	3.786	0.2159
HRZ 538	17.86	3.788	0.2157
	17.86	3.787	0.2158
HRZ 539	17.85	3.787	0.2158
	17.86	3.786	0.2158
HRZ 540	17.84	3.786	0.2160
	17.84	3.786	0.2160
HRZ 541	17.82	3.787	0.2161
	17.80	3.787	0.2162
HRZ 542	17.85	3.793	0.2155
	17.84	3.787	0.2159
HRZ 543	17.85	3.787	0.2158
	17.85	3.786	0.2159
HRZ 544	17.85	3.788	0.2158
	17.84	3.787	0.2159
MW TSA Scheibe 10	**17.78**	**3.796**	**0.2159**
Std.-dev.	0.052	0.0073	0.00012

Sample name	%T 1000nm	d in mm	% FeO
HRZ 545	17.85	3.788	0.2158
	17.77	3.793	0.2161
HRZ 546	17.80	3.794	0.2158
	17.83	3.784	0.2162
HRZ 547	17.87	3.784	0.2159
	17.82	3.791	0.2158
HRZ 548	17.87	3.784	0.2159
	17.83	3.789	0.2159
HRZ 549	17.86	3.784	0.2159
	17.82	3.789	0.2159
HRZ 550	17.87	3.785	0.2158
	17.82	3.788	0.2160
HRZ 551	17.84	3.785	0.2160
	17.83	3.789	0.2159
HRZ 552	17.86	3.785	0.2159
	17.81	3.788	0.2161
HRZ 553	17.77	3.794	0.2160
	17.77	3.800	0.2157
HRZ 554	17.79	3.795	0.2158
	17.76	3.799	0.2158
HRZ 555	17.78	3.796	0.2158
	17.76	3.800	0.2158
HRZ 556	17.75	3.794	0.2162
	17.76	3.800	0.2158
HRZ 557	17.79	3.794	0.2159
	17.76	3.799	0.2158
HRZ 558	17.79	3.794	0.2159
	17.76	3.799	0.2158
HRZ 559	17.80	3.793	0.2159
	17.76	3.799	0.2158
HRZ 560	17.80	3.792	0.2159
	17.77	3.798	0.2158
HRZ 561	17.76	3.800	0.2158
	17.72	3.803	0.2159
HRZ 562	17.74	3.800	0.2159
	17.74	3.804	0.2157
HRZ 563	17.72	3.802	0.2159
	17.69	3.805	0.2160
HRZ 564	17.74	3.802	0.2158
	17.74	3.802	0.2158
HRZ 565	17.74	3.801	0.2158
	17.73	3.804	0.2158
HRZ 566	17.74	3.802	0.2158
	17.72	3.804	0.2158
HRZ 567	17.75	3.800	0.2158
	17.72	3.804	0.2158
HRZ 568	17.74	3.799	0.2160
	17.70	3.804	0.2160
HRZ 569	17.73	3.804	0.2158
	17.74	3.804	0.2157
HRZ 570	17.73	3.805	0.2157
	17.71	3.805	0.2158
HRZ 571	17.74	3.804	0.2157
	17.73	3.804	0.2158
HRZ 572	17.74	3.803	0.2157
	17.73	3.804	0.2158
HRZ 573	17.73	3.803	0.2158
	17.70	3.806	0.2159
HRZ 574	17.73	3.805	0.2157
	17.73	3.805	0.2157
HRZ 575	17.73	3.805	0.2157
	17.72	3.804	0.2158
HRZ 576	17.73	3.804	0.2158
	17.72	3.805	0.2158
	min FeO	max FeO	
	0.2155	0.2163	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 577	17.73	3.802	0.2159
	17.72	3.804	0.2158
HRZ 578	17.74	3.803	0.2157
	17.73	3.806	0.2156
HRZ 579	17.74	3.805	0.2156
	17.73	3.805	0.2157
HRZ 580	17.73	3.804	0.2158
	17.73	3.804	0.2158
HRZ 581	17.72	3.804	0.2158
	17.72	3.806	0.2157
HRZ 582	17.73	3.803	0.2158
	17.72	3.804	0.2158
HRZ 583	17.71	3.805	0.2158
	17.71	3.805	0.2158
HRZ 584	17.72	3.804	0.2158
	17.72	3.805	0.2158
HRZ 585	17.71	3.805	0.2158
	17.72	3.808	0.2156
HRZ 586	17.71	3.806	0.2158
	17.72	3.804	0.2158
HRZ 587	17.71	3.805	0.2158
	17.71	3.803	0.2160
HRZ 588	17.71	3.805	0.2158
	17.72	3.804	0.2158
HRZ 589	17.70	3.805	0.2159
	17.71	3.804	0.2159
HRZ 590	17.69	3.806	0.2159
	17.68	3.806	0.2160
HRZ 591	17.66	3.806	0.2162
	17.71	3.804	0.2159
HRZ 592	17.70	3.805	0.2159
	17.71	3.804	0.2159
HRZ 593	17.71	3.803	0.2160
	17.73	3.803	0.2158
HRZ 594	17.72	3.804	0.2158
	17.74	3.802	0.2158
HRZ 595	17.72	3.804	0.2158
	17.74	3.802	0.2158
HRZ 596	17.71	3.804	0.2159
	17.72	3.802	0.2159
HRZ 597	17.71	3.804	0.2159
	17.73	3.804	0.2158
HRZ 598	17.70	3.805	0.2159
	17.70	3.802	0.2161
HRZ 599	17.66	3.804	0.2163
	17.70	3.802	0.2161
HRZ 600	17.70	3.804	0.2160
	17.71	3.802	0.2160
HRZ 601	17.74	3.802	0.2158
	17.78	3.796	0.2158
HRZ 602	17.72	3.801	0.2160
	17.79	3.795	0.2158
HRZ 603	17.74	3.802	0.2158
	17.78	3.796	0.2158
HRZ 604	17.74	3.803	0.2157
	17.79	3.795	0.2158
HRZ 605	17.72	3.801	0.2160
	17.78	3.796	0.2158
HRZ 606	17.74	3.801	0.2158
	17.78	3.796	0.2158
HRZ 607	17.74	3.801	0.2158
	17.78	3.796	0.2158
HRZ 608	17.74	3.801	0.2158
	17.78	3.796	0.2158
MW TSA Scheibe 11	**17.76**	**3.797**	**0.2159**
Std.-dev.	0.049	0.0067	0.00013

Sample name	%T 1000nm	d in mm	% FeO
HRZ 609	17.80	3.794	0.2158
	17.84	3.789	0.2158
HRZ 610	17.80	3.794	0.2158
	17.84	3.790	0.2157
HRZ 611	17.79	3.794	0.2159
	17.81	3.790	0.2160
HRZ 612	17.79	3.795	0.2158
	17.83	3.788	0.2159
HRZ 613	17.80	3.794	0.2158
	17.84	3.788	0.2158
HRZ 614	17.80	3.794	0.2158
	17.83	3.791	0.2158
HRZ 615	17.78	3.791	0.2161
	17.82	3.794	0.2157
HRZ 616	17.78	3.795	0.2159
	17.82	3.789	0.2159
HRZ 617	17.84	3.790	0.2157
	17.83	3.786	0.2160
HRZ 618	17.80	3.788	0.2161
	17.85	3.786	0.2159
HRZ 619	17.82	3.789	0.2159
	17.82	3.789	0.2160
HRZ 620	17.84	3.787	0.2159
	17.84	3.788	0.2158
HRZ 621	17.84	3.788	0.2158
	17.84	3.787	0.2159
HRZ 622	17.83	3.788	0.2159
	17.84	3.786	0.2160
HRZ 623	17.83	3.788	0.2159
	17.81	3.787	0.2161
HRZ 624	17.84	3.788	0.2158
	17.83	3.788	0.2159
HRZ 625	17.79	3.786	0.2163
	17.77	3.790	0.2163
HRZ 626	17.84	3.787	0.2159
	17.80	3.791	0.2160
HRZ 627	17.84	3.788	0.2158
	17.82	3.792	0.2158
HRZ 628	17.83	3.788	0.2159
	17.78	3.790	0.2162
HRZ 629	17.83	3.788	0.2159
	17.81	3.792	0.2158
HRZ 630	17.81	3.788	0.2161
	17.80	3.795	0.2157
HRZ 631	17.82	3.788	0.2160
	17.80	3.793	0.2159
HRZ 632	17.81	3.789	0.2160
	17.79	3.792	0.2160
HRZ 633	17.79	3.794	0.2159
	17.77	3.797	0.2159
HRZ 634	17.78	3.791	0.2161
	17.76	3.797	0.2159
HRZ 635	17.79	3.791	0.2160
	17.76	3.797	0.2159
HRZ 636	17.80	3.795	0.2157
	17.75	3.798	0.2159
HRZ 637	17.80	3.792	0.2159
	17.75	3.798	0.2159
HRZ 638	17.79	3.793	0.2159
	17.75	3.799	0.2159
HRZ 639	17.76	3.794	0.2161
	17.72	3.799	0.2161
HRZ 640	17.75	3.794	0.2162
	17.77	3.799	0.2157
	min FeO	max FeO	
	0.2156	0.2163	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 641	17.60	3.823	0.2156
	17.68	3.808	0.2159
HRZ 642	17.58	3.822	0.2158
	17.66	3.809	0.2160
HRZ 643	17.62	3.821	0.2156
	17.65	3.812	0.2159
HRZ 644	17.60	3.821	0.2158
	17.67	3.811	0.2158
HRZ 645	17.60	3.821	0.2158
	17.66	3.810	0.2159
HRZ 646	17.63	3.820	0.2156
	17.67	3.809	0.2159
HRZ 647	17.63	3.820	0.2156
	17.66	3.812	0.2158
HRZ 648	17.63	3.822	0.2155
	17.67	3.810	0.2159
HRZ 649	17.72	3.806	0.2157
	17.80	3.795	0.2157
HRZ 650	17.71	3.807	0.2157
	17.78	3.795	0.2159
HRZ 651	17.70	3.808	0.2157
	17.78	3.796	0.2158
HRZ 652	17.71	3.807	0.2157
	17.78	3.797	0.2158
HRZ 653	17.70	3.807	0.2158
	17.78	3.797	0.2158
HRZ 654	17.71	3.807	0.2157
	17.77	3.798	0.2158
HRZ 655	17.70	3.808	0.2157
	17.77	3.798	0.2158
HRZ 656	17.70	3.808	0.2157
	17.77	3.798	0.2158
HRZ 657	17.80	3.794	0.2158
	17.85	3.787	0.2158
HRZ 658	17.80	3.794	0.2158
	17.85	3.785	0.2159
HRZ 659	17.79	3.795	0.2158
	17.85	3.790	0.2157
HRZ 660	17.80	3.795	0.2157
	17.84	3.788	0.2158
HRZ 661	17.80	3.793	0.2159
	17.84	3.786	0.2160
HRZ 662	17.79	3.797	0.2157
	17.82	3.787	0.2161
HRZ 663	17.79	3.794	0.2159
	17.83	3.787	0.2160
HRZ 664	17.78	3.795	0.2159
	17.83	3.788	0.2159
HRZ 665	17.83	3.786	0.2160
	17.87	3.782	0.2160
HRZ 666	17.82	3.786	0.2161
	17.87	3.781	0.2160
HRZ 667	17.84	3.786	0.2160
	17.87	3.784	0.2159
HRZ 668	17.83	3.787	0.2160
	17.86	3.782	0.2160
HRZ 669	17.83	3.788	0.2159
	17.87	3.783	0.2159
HRZ 670	17.83	3.786	0.2160
	17.88	3.781	0.2160
HRZ 671	17.82	3.787	0.2161
	17.87	3.782	0.2160
HRZ 672	17.82	3.788	0.2160
	17.87	3.782	0.2160
MW TSA Scheibe 12	**17.79**	**3.793**	**0.2159**
Std.-dev.	0.077	0.0117	0.00016

Sample name	%T 1000nm	d in mm	% FeO
HRZ 673	17.89	3.781	0.2159
	17.88	3.780	0.2160
HRZ 674	17.87	3.778	0.2162
	17.87	3.781	0.2160
HRZ 675	17.88	3.778	0.2161
	17.86	3.780	0.2162
HRZ 676	17.88	3.778	0.2161
	17.87	3.779	0.2161
HRZ 677	17.88	3.778	0.2161
	17.87	3.779	0.2161
HRZ 678	17.86	3.779	0.2162
	17.82	3.780	0.2165
HRZ 679	17.88	3.778	0.2161
	17.87	3.780	0.2161
HRZ 680	17.88	3.778	0.2161
	17.86	3.779	0.2162
HRZ 681	17.86	3.783	0.2160
	17.85	3.785	0.2159
HRZ 682	17.87	3.783	0.2159
	17.84	3.786	0.2160
HRZ 683	17.87	3.782	0.2160
	17.84	3.786	0.2160
HRZ 684	17.84	3.782	0.2162
	17.82	3.786	0.2161
HRZ 685	17.85	3.782	0.2161
	17.84	3.786	0.2160
HRZ 686	17.84	3.783	0.2161
	17.87	3.787	0.2157
HRZ 687	17.86	3.782	0.2160
	17.85	3.786	0.2159
HRZ 688	17.86	3.782	0.2160
	17.87	3.784	0.2159
HRZ 689	17.84	3.788	0.2158
	17.80	3.794	0.2158
HRZ 690	17.83	3.787	0.2160
	17.78	3.795	0.2159
HRZ 691	17.81	3.788	0.2161
	17.75	3.793	0.2162
HRZ 692	17.83	3.787	0.2160
	17.79	3.793	0.2159
HRZ 693	17.83	3.787	0.2160
	17.80	3.792	0.2159
HRZ 694	17.83	3.789	0.2159
	17.78	3.792	0.2161
HRZ 695	17.81	3.786	0.2162
	17.79	3.793	0.2159
HRZ 696	17.83	3.786	0.2160
	17.79	3.792	0.2160
HRZ 697	17.78	3.796	0.2158
	17.71	3.803	0.2160
HRZ 698	17.78	3.797	0.2158
	17.73	3.804	0.2158
HRZ 699	17.76	3.795	0.2160
	17.73	3.801	0.2159
HRZ 700	17.73	3.794	0.2163
	17.72	3.801	0.2160
HRZ 701	17.78	3.796	0.2158
	17.74	3.803	0.2157
HRZ 702	17.78	3.794	0.2160
	17.73	3.801	0.2159
HRZ 703	17.77	3.793	0.2161
	17.72	3.802	0.2159
HRZ 704	17.78	3.793	0.2160
	17.71	3.802	0.2160
	min FeO	max FeO	
	0.2155	0.2165	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 705	17.56	3.828	0.2157
	17.64	3.817	0.2157
HRZ 706	17.56	3.828	0.2157
	17.62	3.813	0.2161
HRZ 707	17.54	3.827	0.2159
	17.63	3.812	0.2160
HRZ 708	17.55	3.826	0.2158
	17.63	3.812	0.2160
HRZ 709	17.57	3.825	0.2158
	17.64	3.810	0.2161
HRZ 710	17.57	3.824	0.2158
	17.64	3.810	0.2161
HRZ 711	17.57	3.824	0.2158
	17.64	3.810	0.2161
HRZ 712	17.58	3.822	0.2158
	17.65	3.810	0.2160
HRZ 713	17.67	3.810	0.2159
	17.75	3.798	0.2159
HRZ 714	17.66	3.809	0.2160
	17.75	3.789	0.2165
HRZ 715	17.67	3.808	0.2160
	17.75	3.797	0.2160
HRZ 716	17.67	3.807	0.2160
	17.75	3.797	0.2160
HRZ 717	17.68	3.808	0.2159
	17.75	3.798	0.2159
HRZ 718	17.64	3.808	0.2162
	17.74	3.797	0.2161
HRZ 719	17.68	3.809	0.2158
	17.71	3.803	0.2160
HRZ 720	17.67	3.808	0.2160
	17.75	3.797	0.2160
HRZ 721	17.78	3.796	0.2158
	17.83	3.789	0.2159
HRZ 722	17.79	3.795	0.2158
	17.83	3.790	0.2158
HRZ 723	17.77	3.796	0.2159
	17.82	3.789	0.2159
HRZ 724	17.77	3.795	0.2160
	17.83	3.788	0.2159
HRZ 725	17.78	3.795	0.2159
	17.83	3.789	0.2159
HRZ 726	17.79	3.795	0.2158
	17.83	3.788	0.2159
HRZ 727	17.78	3.795	0.2159
	17.82	3.788	0.2160
HRZ 728	17.78	3.794	0.2160
	17.83	3.788	0.2159
HRZ 729	17.83	3.788	0.2159
	17.84	3.782	0.2162
HRZ 730	17.84	3.787	0.2159
	17.87	3.783	0.2159
HRZ 731	17.84	3.787	0.2159
	17.87	3.782	0.2160
HRZ 732	17.84	3.791	0.2157
	17.87	3.784	0.2159
HRZ 733	17.83	3.788	0.2159
	17.84	3.783	0.2161
HRZ 734	17.84	3.787	0.2159
	17.87	3.782	0.2160
HRZ 735	17.83	3.791	0.2158
	17.87	3.782	0.2160
HRZ 736	17.88	3.781	0.2160
	17.83	3.786	0.2160
MW TSA Scheibe 13	**17.77**	**3.794**	**0.2160**
Std.-dev.	0.088	0.0121	0.00014

Sample name	%T 1000nm	d in mm	% FeO
HRZ 737	17.86	3.784	0.2159
	17.87	3.781	0.2160
HRZ 738	17.85	3.783	0.2161
	17.87	3.781	0.2160
HRZ 739	17.86	3.783	0.2160
	17.86	3.782	0.2160
HRZ 740	17.87	3.784	0.2159
	17.87	3.784	0.2159
HRZ 741	17.86	3.787	0.2158
	17.87	3.783	0.2159
HRZ 742	17.87	3.782	0.2160
	17.87	3.781	0.2160
HRZ 743	17.88	3.781	0.2160
	17.88	3.781	0.2160
HRZ 744	17.86	3.781	0.2161
	17.87	3.781	0.2160
HRZ 745	17.84	3.785	0.2160
	17.85	3.783	0.2161
HRZ 746	17.83	3.787	0.2160
	17.85	3.785	0.2159
HRZ 747	17.83	3.785	0.2161
	17.85	3.784	0.2160
HRZ 748	17.83	3.785	0.2161
	17.85	3.783	0.2161
HRZ 749	17.82	3.785	0.2162
	17.85	3.783	0.2161
HRZ 750	17.83	3.786	0.2160
	17.85	3.782	0.2161
HRZ 751	17.83	3.786	0.2160
	17.85	3.782	0.2161
HRZ 752	17.79	3.786	0.2163
	17.85	3.782	0.2161
HRZ 753	17.81	3.788	0.2161
	17.78	3.792	0.2161
HRZ 754	17.82	3.789	0.2159
	17.79	3.792	0.2160
HRZ 755	17.82	3.789	0.2159
	17.77	3.793	0.2161
HRZ 756	17.82	3.787	0.2161
	17.77	3.792	0.2161
HRZ 757	17.79	3.786	0.2163
	17.78	3.791	0.2161
HRZ 758	17.80	3.787	0.2162
	17.78	3.792	0.2161
HRZ 759	17.80	3.787	0.2162
	17.79	3.792	0.2160
HRZ 760	17.82	3.786	0.2161
	17.78	3.792	0.2161
HRZ 761	17.76	3.794	0.2161
	17.71	3.800	0.2161
HRZ 762	17.76	3.794	0.2161
	17.72	3.801	0.2160
HRZ 763	17.75	3.795	0.2161
	17.71	3.801	0.2161
HRZ 764	17.72	3.794	0.2164
	17.72	3.800	0.2161
HRZ 765	17.74	3.795	0.2162
	17.72	3.803	0.2159
HRZ 766	17.75	3.794	0.2162
	17.70	3.802	0.2161
HRZ 767	17.75	3.793	0.2162
	17.71	3.802	0.2160
HRZ 768	17.75	3.795	0.2161
	17.71	3.805	0.2158
	min FeO	max FeO	
	0.2157	0.2165	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 769	17.41	3.845	0.2158
	17.52	3.829	0.2159
HRZ 770	17.43	3.841	0.2159
	17.53	3.827	0.2159
HRZ 771	17.48	3.834	0.2159
	17.55	3.823	0.2160
HRZ 772	17.51	3.835	0.2156
	17.55	3.826	0.2158
HRZ 773	17.52	3.826	0.2161
	17.47	3.825	0.2165
HRZ 774	17.53	3.823	0.2162
	17.56	3.819	0.2162
HRZ 775	17.60	3.818	0.2159
	17.60	3.817	0.2160
HRZ 776	17.62	3.815	0.2159
	17.61	3.816	0.2160
HRZ 777	17.62	3.813	0.2161
	17.54	3.825	0.2160
HRZ 778	17.58	3.812	0.2164
	17.56	3.824	0.2159
HRZ 779	17.64	3.810	0.2161
	17.57	3.821	0.2160
HRZ 780	17.65	3.808	0.2161
	17.58	3.823	0.2158
HRZ 781	17.66	3.810	0.2159
	17.58	3.820	0.2160
HRZ 782	17.66	3.806	0.2162
	17.60	3.817	0.2160
HRZ 783	17.67	3.807	0.2160
	17.60	3.815	0.2161
HRZ 784	17.68	3.805	0.2161
	17.62	3.814	0.2160
HRZ 785	17.67	3.804	0.2162
	17.70	3.801	0.2161
HRZ 786	17.65	3.811	0.2159
	17.73	3.798	0.2161
HRZ 787	17.66	3.802	0.2164
	17.71	3.795	0.2164
HRZ 788	17.67	3.802	0.2163
	17.73	3.792	0.2164
HRZ 789	17.67	3.805	0.2161
	17.72	3.796	0.2163
HRZ 790	17.68	3.799	0.2164
	17.70	3.794	0.2165
HRZ 791	17.68	3.800	0.2164
	17.72	3.798	0.2162
HRZ 792	17.68	3.806	0.2160
	17.72	3.800	0.2161
HRZ 793	17.77	3.797	0.2159
	17.81	3.788	0.2161
HRZ 794	17.77	3.795	0.2160
	17.82	3.790	0.2159
HRZ 795	17.79	3.794	0.2159
	17.83	3.791	0.2158
HRZ 796	17.76	3.798	0.2159
	17.82	3.788	0.2160
HRZ 797	17.68	3.793	0.2168
	17.82	3.789	0.2159
HRZ 798	17.79	3.790	0.2161
	17.82	3.799	0.2154
HRZ 799	17.79	3.799	0.2156
	17.82	3.792	0.2158
HRZ 800	17.77	3.794	0.2160
	17.78	3.786	0.2164
MW TSA Scheibe 14	**17.73**	**3.800**	**0.2160**
Std.-dev.	0.109	0.0136	0.00026

Sample name	%T 1000nm	d in mm	% FeO
HRZ 801	17.84	3.788	0.2158
	17.84	3.791	0.2157
HRZ 802	17.81	3.785	0.2162
	17.84	3.786	0.2160
HRZ 803	17.81	3.784	0.2163
	17.82	3.782	0.2163
HRZ 804	17.83	3.784	0.2162
	17.84	3.784	0.2161
HRZ 805	17.84	3.787	0.2159
	17.85	3.789	0.2157
HRZ 806	17.79	3.787	0.2163
	17.85	3.786	0.2159
HRZ 807	17.84	3.791	0.2157
	17.85	3.785	0.2159
HRZ 808	17.83	3.791	0.2158
	17.85	3.785	0.2159
HRZ 809	17.86	3.786	0.2158
	17.84	3.794	0.2155
HRZ 810	17.81	3.784	0.2163
	17.81	3.790	0.2160
HRZ 811	17.83	3.785	0.2161
	17.81	3.793	0.2158
HRZ 812	17.82	3.786	0.2161
	17.81	3.790	0.2160
HRZ 813	17.83	3.787	0.2160
	17.78	3.789	0.2162
HRZ 814	17.85	3.787	0.2158
	17.82	3.790	0.2159
HRZ 815	17.84	3.787	0.2159
	17.82	3.789	0.2159
HRZ 816	17.84	3.788	0.2158
	17.82	3.789	0.2159
HRZ 817	17.80	3.794	0.2158
	17.78	3.798	0.2157
HRZ 818	17.82	3.794	0.2157
	17.78	3.800	0.2156
HRZ 819	17.82	3.793	0.2157
	17.79	3.799	0.2156
HRZ 820	17.81	3.793	0.2158
	17.80	3.797	0.2156
HRZ 821	17.82	3.791	0.2158
	17.80	3.797	0.2156
HRZ 822	17.83	3.792	0.2157
	17.78	3.798	0.2157
HRZ 823	17.83	3.791	0.2158
	17.80	3.797	0.2156
HRZ 824	17.83	3.791	0.2158
	17.81	3.800	0.2154
HRZ 825	17.77	3.799	0.2157
	17.74	3.803	0.2157
HRZ 826	17.74	3.799	0.2160
	17.75	3.803	0.2157
HRZ 827	17.76	3.797	0.2159
	17.87	3.801	0.2149
HRZ 828	17.75	3.798	0.2159
	17.74	3.802	0.2158
HRZ 829	17.76	3.797	0.2159
	17.74	3.801	0.2158
HRZ 830	17.76	3.797	0.2159
	17.74	3.801	0.2158
HRZ 831	17.76	3.798	0.2159
	17.71	3.802	0.2160
HRZ 832	17.77	3.797	0.2159
	17.75	3.801	0.2158
	min FeO	max FeO	
	0.2149	0.2168	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 833	17.57	3.827	0.2156
	17.64	3.815	0.2158
HRZ 834	17.57	3.826	0.2157
	17.61	3.816	0.2160
HRZ 835	17.58	3.828	0.2155
	17.64	3.815	0.2158
HRZ 836	17.54	3.828	0.2158
	17.64	3.817	0.2157
HRZ 837	17.57	3.827	0.2156
	17.65	3.813	0.2158
HRZ 838	17.55	3.828	0.2157
	17.60	3.812	0.2163
HRZ 839	17.58	3.827	0.2156
	17.65	3.813	0.2158
HRZ 840	17.57	3.828	0.2156
	17.64	3.813	0.2159
HRZ 841	17.75	3.800	0.2158
	17.67	3.811	0.2158
HRZ 842	17.75	3.800	0.2158
	17.68	3.800	0.2164
HRZ 843	17.75	3.801	0.2158
	17.67	3.809	0.2159
HRZ 844	17.74	3.800	0.2159
	17.67	3.810	0.2159
HRZ 845	17.75	3.803	0.2157
	17.67	3.812	0.2157
HRZ 846	17.76	3.799	0.2158
	17.67	3.811	0.2158
HRZ 847	17.76	3.799	0.2158
	17.68	3.811	0.2157
HRZ 848	17.76	3.799	0.2158
	17.68	3.810	0.2158
HRZ 849	17.79	3.797	0.2157
	17.84	3.788	0.2158
HRZ 850	17.78	3.797	0.2158
	17.83	3.790	0.2158
HRZ 851	17.78	3.797	0.2158
	17.83	3.790	0.2158
HRZ 852	17.77	3.798	0.2158
	17.83	3.790	0.2158
HRZ 853	17.78	3.798	0.2157
	17.82	3.792	0.2158
HRZ 854	17.77	3.798	0.2158
	17.82	3.790	0.2159
HRZ 855	17.76	3.797	0.2159
	17.82	3.790	0.2159
HRZ 856	17.77	3.798	0.2158
	17.81	3.791	0.2159
HRZ 857	17.85	3.784	0.2160
	17.84	3.789	0.2158
HRZ 858	17.85	3.783	0.2161
	17.84	3.788	0.2158
HRZ 859	17.83	3.783	0.2162
	17.85	3.788	0.2158
HRZ 860	17.85	3.784	0.2160
	17.85	3.787	0.2158
HRZ 861	17.86	3.784	0.2159
	17.84	3.788	0.2158
HRZ 862	17.79	3.783	0.2165
	17.84	3.787	0.2159
HRZ 863	17.86	3.782	0.2160
	17.83	3.788	0.2159
HRZ 864	17.86	3.783	0.2160
	17.83	3.783	0.2162
MW TSA Scheibe 15	**17.74**	**3.798**	**0.2160**
Std.-dev.	0.088	0.0123	0.00035

Sample name	%T 1000nm	d in mm	% FeO
HRZ 865	17.74	3.802	0.2158
	17.78	3.801	0.2156
HRZ 866	17.84	3.785	0.2160
	17.87	3.783	0.2159
HRZ 867	17.87	3.784	0.2159
	17.84	3.784	0.2161
HRZ 868	17.87	3.785	0.2158
	17.89	3.783	0.2158
HRZ 869	17.77	3.802	0.2156
	17.77	3.804	0.2155
HRZ 870	17.85	3.786	0.2159
	17.88	3.781	0.2160
HRZ 871	17.75	3.804	0.2156
	17.76	3.801	0.2157
HRZ 872	17.86	3.785	0.2159
	17.88	3.782	0.2159
HRZ 873	17.71	3.802	0.2160
	17.69	3.800	0.2163
HRZ 874	17.82	3.783	0.2163
	17.79	3.783	0.2165
HRZ 875	17.82	3.786	0.2161
	17.76	3.780	0.2169
HRZ 876	17.81	3.788	0.2161
	17.78	3.782	0.2166
HRZ 877	17.70	3.800	0.2162
	17.72	3.801	0.2160
HRZ 878	17.81	3.780	0.2165
	17.83	3.784	0.2162
HRZ 879	17.71	3.799	0.2162
	17.70	3.799	0.2163
HRZ 880	17.82	3.780	0.2165
	17.79	3.784	0.2164
HRZ 881	17.71	3.794	0.2165
	17.79	3.787	0.2163
HRZ 882	17.71	3.793	0.2165
	17.74	3.788	0.2166
HRZ 883	17.58	3.806	0.2168
	17.62	3.807	0.2164
HRZ 884	17.71	3.794	0.2165
	17.72	3.792	0.2165
HRZ 885	17.64	3.796	0.2169
	17.71	3.793	0.2165
HRZ 886	17.70	3.794	0.2165
	17.66	3.791	0.2170
HRZ 887	17.70	3.792	0.2167
	17.72	3.790	0.2166
HRZ 888	17.68	3.799	0.2164
	17.72	3.791	0.2166
HRZ 889	17.68	3.804	0.2161
	17.66	3.796	0.2167
HRZ 890	17.70	3.802	0.2161
	17.76	3.798	0.2159
HRZ 891	17.70	3.801	0.2161
	17.74	3.796	0.2161
HRZ 892	17.70	3.804	0.2160
	17.71	3.798	0.2162
HRZ 893	17.71	3.809	0.2156
	17.63	3.808	0.2163
HRZ 894	17.68	3.811	0.2157
	17.68	3.799	0.2164
HRZ 895	17.55	3.804	0.2171
	17.69	3.797	0.2164
HRZ 896	17.71	3.805	0.2158
	17.71	3.806	0.2158
	min FeO	max FeO	
	0.2155	0.2171	

Sample name	%T 1000nm	d in mm	% FeO
HRZ 897	17.82	3.786	0.2161
	17.78	3.792	0.2161
HRZ 898	17.83	3.788	0.2159
	17.81	3.791	0.2159
HRZ 899	17.79	3.787	0.2163
	17.78	3.793	0.2160
HRZ 900	17.82	3.787	0.2161
	17.81	3.794	0.2157
HRZ 901	17.82	3.785	0.2162
	17.72	3.791	0.2166
HRZ 902	17.81	3.787	0.2161
	17.76	3.791	0.2163
HRZ 903	17.83	3.786	0.2160
	17.80	3.790	0.2160
HRZ 904	17.8	3.788	0.2161
	17.79	3.792	0.2160
HRZ 905	17.65	3.815	0.2157
	17.66	3.810	0.2159
HRZ 906	17.63	3.817	0.2158
	17.66	3.808	0.2160
HRZ 907	17.58	3.810	0.2165
	17.65	3.816	0.2157
HRZ 908	17.64	3.814	0.2159
	17.67	3.820	0.2153
HRZ 909	17.67	3.808	0.2160
	17.65	3.815	0.2157
HRZ 910	17.67	3.810	0.2159
	17.63	3.823	0.2154
HRZ 911	17.63	3.815	0.2159
	17.65	3.808	0.2161
HRZ 912	17.64	3.814	0.2159
	17.63	3.810	0.2162
HRZ 913	17.61	3.813	0.2161
	17.52	3.822	0.2163
HRZ 914	17.57	3.825	0.2158
	17.57	3.818	0.2161
HRZ 915	17.62	3.817	0.2158
	17.59	3.822	0.2158
HRZ 916	17.57	3.820	0.2160
	17.57	3.817	0.2162
HRZ 917	17.51	3.823	0.2163
	17.59	3.823	0.2157
HRZ 918	17.62	3.821	0.2156
	17.57	3.826	0.2157
HRZ 919	17.60	3.821	0.2158
	17.56	3.823	0.2159
HRZ 920	17.61	3.822	0.2156
	17.59	3.819	0.2159
HRZ 921	17.59	3.823	0.2157
	17.59	3.823	0.2157
HRZ 922	17.58	3.823	0.2158
	17.54	3.824	0.2160
HRZ 923	17.55	3.823	0.2158
	17.58	3.824	0.2157
HRZ 924	17.58	3.825	0.2157
	17.60	3.825	0.2155
HRZ 925	17.57	3.824	0.2160
	17.57	3.824	0.2158
HRZ 926	17.58	3.823	0.2158
	17.59	3.822	0.2158
HRZ 927	17.58	3.825	0.2157
	17.57	3.826	0.2157
HRZ 928	17.57	3.826	0.2157
	17.57	3.823	0.2159
MW TSA Scheibe R (16)	**17.66**	**3.810**	**0.2159**
Std.-dev.	0.078	0.0119	0.00023

Sample name	%T 1000nm	d in mm	% FeO
HRZ 929	17.60	3.821	0.2158
	17.63	3.818	0.2157
HRZ 930	17.59	3.818	0.2160
	17.62	3.819	0.2157
HRZ 931	17.61	3.822	0.2156
	17.62	3.819	0.2157
HRZ 932	17.60	3.823	0.2156
	17.62	3.817	0.2158
HRZ 933	17.59	3.820	0.2159
	17.63	3.819	0.2156
HRZ 934	17.61	3.822	0.2156
	17.63	3.819	0.2156
HRZ 935	17.58	3.823	0.2158
	17.62	3.817	0.2158
HRZ 936	17.61	3.822	0.2156
	17.64	3.819	0.2156
HRZ 937	17.72	3.794	0.2164
	17.71	3.802	0.2160
HRZ 938	17.77	3.796	0.2159
	17.73	3.800	0.2160
HRZ 939	17.76	3.795	0.2160
	17.71	3.803	0.2160
HRZ 940	17.74	3.794	0.2162
	17.73	3.802	0.2159
HRZ 941	17.76	3.796	0.2160
	17.72	3.803	0.2159
HRZ 942	17.68	3.792	0.2168
	17.70	3.802	0.2161
HRZ 943	17.76	3.799	0.2158
	17.73	3.802	0.2159
HRZ 944	17.76	3.804	0.2155
	17.73	3.797	0.2162
HRZ 945	17.64	3.816	0.2157
	17.65	3.814	0.2158
HRZ 946	17.63	3.816	0.2158
	17.64	3.812	0.2160
HRZ 947	17.63	3.817	0.2158
	17.67	3.812	0.2157
HRZ 948	17.65	3.819	0.2155
	17.66	3.813	0.2158
HRZ 949	17.65	3.817	0.2156
	17.66	3.813	0.2158
HRZ 950	17.65	3.817	0.2156
	17.65	3.810	0.2160
HRZ 951	17.65	3.818	0.2156
	17.66	3.813	0.2158
HRZ 952	17.66	3.816	0.2156
	17.67	3.812	0.2157
HRZ 953	17.73	3.803	0.2158
	17.72	3.802	0.2159
HRZ 954	17.69	3.802	0.2162
	17.74	3.803	0.2157
HRZ 955	17.72	3.804	0.2158
	17.74	3.801	0.2158
HRZ 956	17.72	3.807	0.2157
	17.72	3.802	0.2159
HRZ 957	17.72	3.803	0.2159
	17.73	3.800	0.2160
HRZ 958	17.73	3.801	0.2159
	17.73	3.801	0.2159
HRZ 959	17.68	3.806	0.2160
	17.73	3.798	0.2161
HRZ 960	17.73	3.803	0.2158
	17.74	3.802	0.2158
	min FeO	max FeO	
	0.2153	0.2168	