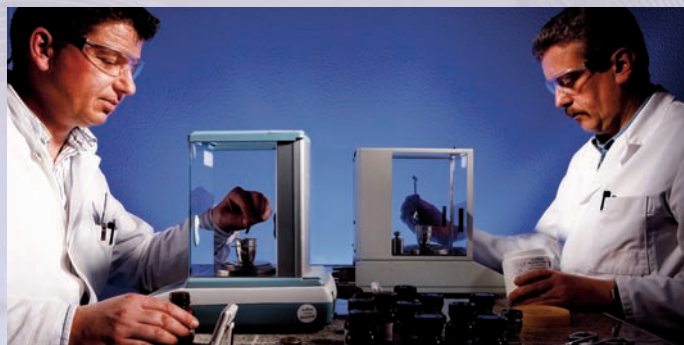




Fluxana is dedicated to serve and support the X-ray fluorescence (XRF) spectroscopist. XRF is used to perform elemental analysis of a diverse range of materials, from oils and fuels to complex mineralogical materials. The method is utilized by a wide range of industries and academic institutions for rapid and precise materials analysis, and complies with many National and International standards such as ASTM, ISO and DIN. However, the inherent precision of the modern XRF spectrometer is wasted without paying attention to the correct sample preparation prior to analysis, as well as the appropriate calibration and validation of the method used.

We supply users of XRF, irrespective of their spectrometer manufacturer, with a wide selection of accessories such as sample cups, sample support films, chemicals and certified reference materials. Furthermore we offer a spectrum of different sample preparation equipment such as fusion machines, mills and presses.

A rapidly growing aspect of our business is the provision of a full application and method development service. This service can take the form of detailed training courses, right through to turnkey application packages that include all the required sample preparation equipment, calibration standards, validation samples and drift monitors. The whole package can even, if requested, be installed on the customer's spectrometer by one of Fluxana's XRF experts. Application packages are available which serve many industries including cement, glass, metals and petrochemicals.



### Analytical laboratory, sales, support and marketing

The head office of FLUXANA is situated in Bedburg-Hau in the lower Rhine area of Germany. This brand-new state of the art facility serves as the warehouse for Fluxana's consumable products as well as the location of our Research and Development department. Our R&D Scientists are dedicated to bringing new products and services to market, as well as hosting customer training courses and seminars. Our International Service Department is also located in the Bedburg-Hau facility.

### Manufacturing of sample preparation machines

A branch of FLUXANA is located in Kleve where the sample preparation equipment for x-ray fluorescence analysis is developed and manufactured.

### Manufacturing of customized glass

An additional branch of FLUXANA is located in the city Ilmenau, in Eastern Germany. In this location, XRF drift monitor glasses are produced according to the specifications and requirements of our customers.

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## Industrial Materials RM and CRM

01.01. Cement				Applicatio Qty	Al2O3	CaO	Cl	Cr2O3	Fe2O3	K2O	LOI	MgO	Mn2O3	Na2O	P2O5	S	SiO2	SO3	SrO	TiO2	ZnO		
FI001696	CRM	PR24	FX	FLX-CRM 100	Cement	50g	5,54	64,51	(0,09)	0,009	2,62	0,82	2,37	1,47	0,066	0,23	0,166	(0,06)	20,89	2,97	0,286	0,283	0,051
FI001697	CRM	PR24	FX	FLX-CRM 101	Cement	50g	8,81	48,24	(0,05)	0,01	3,52	2,1	3,84	1,7	0,118	0,68	0,191	(0,08)	30,31	3,16	0,248	0,469	0,044
FI001698	CRM	PR24	FX	FLX-CRM 103	Cement	50g	7,75	54,9	...	0,007	1,78	0,77	...	4,44	0,17	0,33	0,09	...	26,95	2,73	0,07	0,372	0,014
01.02. Cement with Chlorine				Applicatio Set	Qty	Al2O3	CaO	Cl	Cr2O3	Fe2O3	K2O	LOI	MgO	Mn2O3	Na2O	P2O5	SiO2	SO3	SrO	TiO2	ZnO		
FI006965	CRM	PR24	FX	FLX-CRM 105	Cement	FI008255	30g	4,27	65,24	0,049	0,008	2,5	1,24	(2,61)	1,57	0,04	0,21	0,0053	20,84	3,37	0,146	0,179	0,054
FI006966	CRM	PR24	FX	FLX-CRM 106	Cement	FI008255	30g	5,7	66,05	0,055	0,008	1,98	0,86	(2,06)	0,96	0,161	0,12	0,111	20,29	3,01	0,206	0,271	0,012
FI006967	CRM	PR24	FX	FLX-CRM 107	Cement	FI008255	30g	4,23	67,19	0,043	0,006	1,29	0,7	(6,59)	0,7	0,04	0,18	0,16	21,81	3,13	0,151	0,194	0,013
FI006968	CRM	PR24	FX	FLX-CRM 108	Cement	FI008255	30g	4,66	65,15	0,042	0,007	2,97	0,74	(2,68)	2,15	0,219	0,09	0,169	20,06	3,31	0,083	0,186	0,036
FI006969	CRM	PR24	FX	FLX-CRM 109	Cement	FI008255	30g	4,25	66,45	0,049	0,008	2,32	1,06	(5,96)	1,59	0,051	0,18	0,052	20,39	3,11	0,144	0,0203	0,042
FI006970	CRM	PR24	FX	FLX-CRM 110	Cement	FI008255	30g	4,7	68,13	0,008	0,004	0,18	0,94	(3,46)	0,65	0,029	0,05	0,037	22,01	2,88	0,041	0,17	0,003
FI008255	CRM	PR24	FX	FLX-CRM 105-110	Cement	FI008255	set*																
01.03. Cement with Sulfate and Sulfide				Applicatio Set	Qty	Al2O3	CaO	Cr2O3	Fe2O3	K2O	LOI	MgO	Mn2O3	Na2O	P2O5	S2-	SiO2	SO3 tot.	SO4 2-	SrO			
FI008210	CRM	PR24	FX	FLX-CRM 113	Cement	FI008256	30g	5,06	63,63	0,01	2,75	0,62	(1,53)	2,49	0,23	0,09	0,14	(0,14)	20,98	2,47	2,40	0,06	
FI008211	CRM	PR24	FX	FLX-CRM 114	Cement	FI008256	30g	6,94	51,29	0,01	1,37	0,95	(1,28)	4,93	0,15	0,28	0,03	(0,68)	28,61	4,07	2,50	0,11	
FI008212	CRM	PR24	FX	FLX-CRM 115	Cement	FI008256	30g	8,13	53,93	0,00	0,97	0,61	(1,56)	2,93	0,21	0,19	0,07	(0,61)	27,29	3,90	2,41	0,12	
FI008213	CRM	PR24	FX	FLX-CRM 116	Cement	FI008256	30g	9,11	50,05	0,01	0,86	0,69	(0,39)	4,47	0,24	0,20	0,03	(0,74)	30,81	3,14	1,22	0,09	
FI008214	CRM	PR24	FX	FLX-CRM 117	Cement	FI008256	30g	7,68	54,22	0,00	1,37	0,92	(0,40)	2,95	0,19	0,22	0,03	(0,60)	28,05	3,49	1,80	0,10	
FI008215	CRM	PR24	FX	FLX-CRM 118	Cement	FI008256	30g	6,94	55,47	0,01	3,88	0,98	5,02	2,08	0,18	0,18	0,16	(0,13)	21,57	2,97	2,89	0,09	
FI008216	CRM	PR24	FX	FLX-CRM 119	Cement	FI008256	30g	7,36	53,78	0,01	3,04	1,23	5,73	1,34	0,04	0,29	0,15	(0,03)	24,04	2,43	2,38	0,16	
FI008217	CRM	PR24	FX	FLX-CRM 120	Cement	FI008256	30g	7,64	53,63	0,01	1,11	0,69	(1,71)	3,55	0,19	0,18	0,09	(0,63)	26,51	4,35	3,18	0,12	continued
FI008218	CRM	PR24	FX	FLX-CRM 121	Cement	FI008256	30g	8,78	44,45	0,01	3,04	2,73	4,24	1,41	0,11	1,39	0,11	(0,03)	30,81	2,55	2,37	0,14	
FI008219	CRM	PR24	FX	FLX-CRM 122	Cement	FI008256	30g	5,60	59,00	0,00	1,67	0,90	(4,86)	2,02	0,11	0,20	0,07	(0,29)	21,94	3,27	2,62	0,13	
FI008256	CRM	PR24	FX	FLX-CRM 113-122	Cement	FI008256	set*																
				Continuation from above		TiO2	ZnO																
FI008210	CRM	PR24	FX	FLX-CRM 113	Cement		0,23	0,03															
FI008211	CRM	PR24	FX	FLX-CRM 114	Cement		0,52	0,02															
FI008212	CRM	PR24	FX	FLX-CRM 115	Cement		0,61	0,01															
FI008213	CRM	PR24	FX	FLX-CRM 116	Cement		0,69	0,02															
FI008214	CRM	PR24	FX	FLX-CRM 117	Cement		0,56	0,02															
FI008215	CRM	PR24	FX	FLX-CRM 118	Cement		0,30	0,05															
FI008216	CRM	PR24	FX	FLX-CRM 119	Cement		0,35	0,04															
FI008217	CRM	PR24	FX	FLX-CRM 120	Cement		0,60	0,01															
FI008218	CRM	PR24	FX	FLX-CRM 121	Cement		0,34	0,03															
FI008219	CRM	PR24	FX	FLX-CRM 122	Cement		0,35	0,03															

\*also available individual

## Industrial Materials RM and CRM

02.01.		Refractories				Application	Qty	Al <sub>2</sub> O <sub>3</sub>	CaO	Co <sub>3</sub> O <sub>4</sub>	Cr <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	HfO <sub>2</sub>	K <sub>2</sub> O	LOI	MgO	Mn <sub>3</sub> O <sub>4</sub>	Na <sub>2</sub> O	NiO	P <sub>2</sub> O <sub>5</sub>	SiO <sub>2</sub>	SO <sub>3</sub>	TiO <sub>2</sub>	WO <sub>3</sub>	ZrO <sub>2</sub>
FI007388	CRM	PR24	FX	FLX-CRM 111	Chrom Magnesite	80g	4,66	2,07	0,012	11,48	9,54	<0,01	0,01	(0,58)	70,2	0,37	<0,1	0,031	0,088	1,4	(0,13)	0,16	<0,02	0,057	
FI007389	CRM	PR24	FX	FLX-CRM 112	Zircon Alumina	80g	79,81	0,147	<0,01	0,017	0,326	0,099	0,09	(5,42)	0,755	0,024	0,267	<0,01	0,074	12,16	(0,04)	0,273	0,041	5,95	
03.01.		Zeolite				Application	Qty	Al <sub>2</sub> O <sub>3</sub>	CaO	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	LOI	Na <sub>2</sub> O	SiO <sub>2</sub>	ZnO										
FI000394	CRM	PR24	FX	FLX-CRM 104	Zeolite	35g	33,74	0,063	0,014	0,075	22,64	20,06	45,68	0,012											
04.01.		Plastic ROHS				Application	Set	Qty	Ca	Zn	Cd														
FI002344	CRM	PR24	FX	PVC-1	Polyvinylchloride	FI002347	21g	(4,5)	(0,05)	<1															
FI002345	CRM	PR24	FX	PVC-2	Polyvinylchloride	FI002347	21g	(4,7)	(0,06)	35,0															
FI002346	CRM	PR24	FX	PVC-3	Polyvinylchloride	FI002347	21g	(4,6)	(0,06)	85,0															
FI002347	CRM	PR24	FX	PVC-Set	Polyvinylchloride	FI002347	set																		

## Industrial Materials RM and CRM

04.02.		Plastic PE				Application	Set	Qty	All elements in ppm					
					Ca				Mg	P	Si	Zn		
FI002371	RM	PR24	FX	FLX-PE0001_0	Polyethylene	FI002370	D40mm, ca. 15g	2,0	...	...	17,0	13,0		
FI002372	RM	PR24	FX	FLX-PE0001_1	Polyethylene	FI002370	D40mm, ca. 15g	7,0	...	10,0	87,0	36,0		
FI002373	RM	PR24	FX	FLX-PE0001_2	Polyethylene	FI002370	D40mm, ca. 15g	23,0	...	30,0	435,0	80,0		
FI002374	RM	PR24	FX	FLX-PE0001_3	Polyethylene	FI002370	D40mm, ca. 15g	35,0	...	49,0	666,0	167,0		
FI002375	RM	PR24	FX	FLX-PE0001_4	Polyethylene	FI002370	D40mm, ca. 15g	45,0	...	69,0	841,0	314,0		
FI002376	RM	PR24	FX	FLX-PE0001_5	Polyethylene	FI002370	D40mm, ca. 15g	66,0	...	101,0	1099,0	515,0		
FI002377	RM	PR24	FX	FLX-PE0001_6	Polyethylene	FI002370	D40mm, ca. 15g	79,0	...	...	3,0	604,0		
FI002370	RM	PR24	FX	FLX-PE0001	Polyethylene	FI002370	set							
FI002378	RM	PR24	FX	FLX-PE0003-0	Polyethylene	FI002384	Discs,40mm,15g	2,8	1,0	1,7	...	8,0		
FI002379	RM	PR24	FX	FLX-PE0003-1	Polyethylene	FI002384	Discs,40mm,15g	4,1	30,4	3,8	...	33,2		
FI002380	RM	PR24	FX	FLX-PE0003-2	Polyethylene	FI002384	Discs,40mm,15g	33,2	155,1	28,5	...	115,2		
FI002381	RM	PR24	FX	FLX-PE0003-3	Polyethylene	FI002384	Discs,40mm,15g	65,2	322,7	54,9	...	311,2		
FI002382	RM	PR24	FX	FLX-PE0003-4	Polyethylene	FI002384	Discs,40mm,15g	104,7	481,2	80,9	...	518,5		
FI002383	RM	PR24	FX	FLX-PE0003-5	Polyethylene	FI002384	Discs,40mm,15g	138,3	684,2	112,9	...	917,9		
FI002384	RM	PR24	FX	FLX-PE0003	Polyethylene	FI002384	set							
FI002385	RM	PR24	FX	FLX-PE001-0	Polyethylene	FI002392	Discs,40mm,15g	...	...	...	...	...		
FI002386	RM	PR24	FX	FLX-PE001-1	Polyethylene	FI002392	Discs,40mm,15g	10,0	...	10,0	100,0	20,0		
FI002387	RM	PR24	FX	FLX-PE001-2	Polyethylene	FI002392	Discs,40mm,15g	30,0	...	30,0	500,0	60,0		
FI002388	RM	PR24	FX	FLX-PE001-3	Polyethylene	FI002392	Discs,40mm,15g	50,0	...	50,0	800,0	150,0		
FI002389	RM	PR24	FX	FLX-PE001-4	Polyethylene	FI002392	Discs,40mm,15g	70,0	...	70,0	1000,0	300,0		
FI002390	RM	PR24	FX	FLX-PE001-5	Polyethylene	FI002392	Discs,40mm,15g	100,0	...	100,0	1300,0	500,0		
FI002391	RM	PR24	FX	FLX-PE001-6	Polyethylene	FI002392	Discs,40mm,15g	120,0	...	...	...	600,0		
FI002392	RM	PR24	FX	FLX-PE001	Polyethylene	FI002392	set							

05.01.		Gold Jewellery Alloy for micro XRF instruments				Application	Qty										
					Ag			Au	Cu	Fe	Ir	Ni	Pd	Pt	Rh	Zn	
FM007231	RM	PR24	FX	701	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	4,59	91,76	3,65	...	...	...	...	...	...		
FM007232	RM	PR24	FX	702	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	4,6	90,12	5,28	...	...	...	...	...	...		
FM007233	RM	PR24	FX	703	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	4,18	75,14	4,93	...	...	...	15,75	...	...		
FM007234	RM	PR24	FX	704	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	2,75	75,03	9,74	...	...	...	12,48	...	...		
FM007235	RM	PR24	FX	705	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	10,09	75,03	4,83	...	...	...	10,05	...	...		
FM007236	RM	PR24	FX	706	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	13,13	75,0	5,42	...	...	...	6,45	...	...		
FM007237	RM	PR24	FX	707	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	2,75	75,02	15,13	...	...	5,04	...	...	2,06		
FM007238	RM	PR24	FX	708	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	75,12	17,47	...	...	5,81	...	...	1,6		
FM007239	RM	PR24	FX	709	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	21,93	59,02	4,05	...	...	...	15,0	...	...		
FM007240	RM	PR24	FX	710	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	30,94	59,06	3,48	...	...	...	6,52	...	...		
FM007241	RM	PR24	FX	711	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	10,72	58,49	26,47	...	...	...	...	...	4,32		
FM007242	RM	PR24	FX	712	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	27,36	58,59	4,05	...	...	...	10,0	...	...		
FM007243	RM	PR24	FX	713	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	4,84	58,47	24,91	...	...	8,39	...	...	3,39		
FM007244	RM	PR24	FX	714	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	58,44	41,31	...	...	...	...	...	0,25		
FM007245	RM	PR24	FX	715	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	58,64	26,18	...	...	6,09	...	...	9,09		
FM007246	RM	PR24	FX	716	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	15,09	37,63	37,97	...	...	...	...	...	9,31		
FM007247	RM	PR24	FX	717	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	11,92	33,52	41,04	...	...	...	...	...	13,52		
FM007248	RM	PR24	FX	718	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	6,21	33,56	49,69	...	...	...	...	...	10,54		
FM007249	RM	PR24	FX	719	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	99,94	...	0,6	...	...	...	...	...	...		
FM007250	RM	PR24	FX	720	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	99,99	0,002	...	0,002	...	0,002	0,002	0,002		
FM007251	RM	PR24	FX	721	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	99,97	...	0,008	...	0,005	...	0,005	0,007	0,005		

All standards are RMs and analysed by XRF. They are specially designed for micro XRF concerning surface homogeneity. \*These standards will be produced individually therefore deviations in the final concentrations are possible



## Industrial Materials RM and CRM

05.01. Gold Jewellery Alloy for micro XRF instruments						Ag	Au	Cu	Fe	Ir	Ni	Pd	Pt	Rh	Ru	W
Application	Qty															
FM007252	RM PR24 FX 722	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	...	...	...	0,02	...	0,02	99,95	0,01	...	...	...	
FM007253	RM PR24 FX 723	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	...	0,001	0,01	...	...	99,96	0,01	0,01	...	...	...	
FM007254	RM PR24 FX 724	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	15,07	75,05	9,88	...	...	...	...	...	...	...	...	...	
FM007255	RM PR24 FX 725	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	12,54	75,03	12,43	...	...	...	...	...	...	...	...	...	
FM007256	RM PR24 FX 726	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	10,16	75,11	14,73	...	...	...	...	...	...	...	...	...	
FM007257	RM PR24 FX 727	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	8,98	75,07	15,95	...	...	...	...	...	...	...	...	...	
FM007258	RM PR24 FX 728	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	4,79	75,1	20,11	...	...	...	...	...	...	...	...	...	
FM007259	RM PR24 FX 729	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	29,42	58,52	12,06	...	...	...	...	...	...	...	...	...	
FM007260	RM PR24 FX 730	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	93,56	...	6,44	...	...	...	...	...	...	...	...	...	
FM007261	RM PR24 FX 731	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	54,31	37,52	8,17	...	...	...	...	...	...	...	...	...	
FM007262	RM PR24 FX 732	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	58,75	33,71	7,54	...	...	...	...	...	...	...	...	...	
FM007263	RM PR24 FX 733	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	83,75	...	16,25	...	...	...	...	...	...	...	...	...	
FM007264	RM PR24 FX 734	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	6,3	33,65	50,28	...	...	...	...	...	...	...	...	...	
FM007265	RM PR24 FX 735	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	6,65	58,58	31,08	...	...	...	...	...	...	...	...	...	
FM007266	RM PR24 FX 736	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	33,01	58,61	7,89	...	...	...	...	...	...	...	...	...	
FM007267	RM PR24 FX 737	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	6,15	38,35	46,89	...	...	...	...	...	...	...	...	...	
FM007268	RM PR24 FX 738	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	19,7	58,65	19,22	...	...	...	...	...	...	...	...	...	
FM007269	RM PR24 FX 739	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	33,39	58,53	8,08	...	...	...	...	...	...	...	...	...	
FM007270	RM PR24 FX 740	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	...	0,005	...	0,09	...	...	...	99,9	0,005	...	...	
FM007271	RM PR24 FX 741	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	...	4,16	...	...	...	...	95,84	...	...	...	...	
FM007272	RM PR24 FX 742	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	0,005	...	99,99	0,005	...	...	...	...	...	...	...	...	
FM007273	RM PR24 FX 743	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	80,07	1,12	...	...	14,35	...	...	...	...	...	...	
FM007274	RM PR24 FX 744	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	26,84	55,37	10,09	...	...	...	6,49	...	...	...	...	...	
FM007275	RM PR24 FX 901	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	...	...	...	...	...	...	95,23	...	4,77	...	...	
FM007276	RM PR24 FX 902	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	...	...	...	...	...	...	...	95,37	...	...	4,63	...	
FM007277	RM PR24 FX 903	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	4,32	58,69	36,99	...	...	...	...	...	...	...	...	...	
FM007278	RM PR24 FX 904	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	13,77	58,65	27,58	...	...	...	...	...	...	...	...	...	
FM007279	RM PR24 FX 905	Gold Jewellery Alloy for micro XRF	D3mm thin layer, 0,3mm thickness	25,06	58,64	14,92	...	...	...	...	...	...	...	...	...	
06.01. Gold Jewellery Alloy for handheld XRF instruments						Ag	Au	Cu	Ir	Ni	Pd	Pt	Rh	Zn		
Application	Qty															
FM007280	RM PR24 FX 0704-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	3,0	75,07	9,4	...	...	12,53	...	...	...	...	...	...	
FM007281	RM PR24 FX 0715-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	...	58,69	26,32	...	5,99	...	...	...	...	...	9,0	...	
FM007282	RM PR24 FX 0732-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	58,61	33,33	8,06	...	...	...	...	...	...	...	...	...	
FM007283	RM PR24 FX 0734-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	6,24	33,52	49,82	...	...	...	...	...	...	10,42	...	...	
FM007284	RM PR24 FX 0743-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	...	80,15	1,05	...	14,53	...	...	...	...	4,27	...	...	
FM007285	RM PR24 FX 0744-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	26,27	55,54	10,25	...	...	6,56	...	...	...	1,38	...	...	
FM011421	RM PR24 FX 0720-16	Gold Jewellery Alloy for micro XRF	D16mm thin layer, 0,5mm thickness	...	99,99	0,002	0,002	...	0,002	0,002	0,002	0,002	...	...	...	

All standards are RMs and analysed by XRF. They are specially designed for micro XRF concerning surface homogeneity.

## Industrial Materials RM and CRM

07.01.		Glass		Application	Qty	Al <sub>2</sub> O <sub>3</sub>	As <sub>2</sub> O <sub>3</sub>	B <sub>2</sub> O <sub>3</sub>	BaO	CaO	CeO <sub>2</sub>	CdO	Co <sub>3</sub> O <sub>4</sub>	Cr <sub>2</sub> O <sub>3</sub>
FI001389	CRM	PR24	FX	FLX-BCR-126A	Lead Glass	D40x10mm	0,128	...	...	1,036	1,033	...	...	...
FI001390		PR24	FX	FLX-DGG1	soda-lime glass	D40x10mm	1,23	...	...	...	6,73	...	...	...
FI001398		PR24	FX	FLX-DGG2	Float glass	D40x5mm	0,1	...	...	...	10,05	...	...	...
FI007477	RM	PR24	FX	FLX-Q0	Quartz	D40mm	<0,1	<0,0016	...	<0,025	<0,0002	<0,05	<0,0009	<0,0002
Continuation from above						Fe <sub>2</sub> O <sub>3</sub>	Gd <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	La <sub>2</sub> O <sub>3</sub>	Li <sub>2</sub> O	MgO	MnO	Na <sub>2</sub> O	NiO
FI001389	CRM	PR24	FX	FLX-BCR-126A	Lead Glass		0,0055	...	10,0	...	0,495	0,512	...	3,58
FI001390		PR24	FX	FLX-DGG1	soda-lime glass		0,191	...	0,338	...	...	4,18	...	14,95
FI001398		PR24	FX	FLX-DGG2	Float glass		0,021	...	...	...	3,4	...	...	13,78
FI007477	RM	PR24	FX	FLX-Q0	Quartz		0,0103	<0,3	<0,0003	<0,0005	...	<0,1	<0,0002	<0,1
Continuation from above						Sb <sub>2</sub> O <sub>3</sub>	SeO <sub>2</sub>	SiO <sub>2</sub>	SnO <sub>2</sub>	SO <sub>3</sub>	SrO	TeO <sub>2</sub>	TiO <sub>2</sub>	Y <sub>2</sub> O <sub>3</sub>
FI001389	CRM	PR24	FX	FLX-BCR-126A	Lead Glass		0,29	...	57,8	...	...	...	...	...
FI001390		PR24	FX	FLX-DGG1	soda-lime glass		...	...	71,72	...	0,436	...	...	0,137
FI001398		PR24	FX	FLX-DGG2	Float glass		...	...	72,26	...	0,27	...	...	0,033
FI007477	RM	PR24	FX	FLX-Q0	Quartz		<0,0014	<0,0004	...	<0,0013	<0,01	<0,08	<0,0018	0,0103

## XRF Calibration set

08.01. Cement calibration set LQTS					Application	Set	Qty	Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	Mn2O3	Na2O	P2O5	SiO2	SO3	SrO	TiO2	ZnO
FI001749	CRM	PR24	FX	CEM 1884b	Cement	FI007829	10 g	4,851	61,31	0,00791	2,937	0,957	4,74	0,075	0,278	0,0965	19,3	4,034	0,0258	0,2651	...
FI001751	CRM	PR24	FX	CEM 1886a	Cement	FI007829	10 g	3,94	68,94	0,002	0,15	0,09	1,96	0,01	0,02	0,02	22,73	2,12	(0,018)	0,085	(0,001)
FI007751	CRM	PR24	FX	CEM 1887b	Cement	FI007829	10 g	4,911	61,15	0,015	2,471	0,961	3,624	0,095	0,288	0,154	19,59	4,599	0,262	0,203	0,015
FI001753	CRM	PR24	FX	CEM 1889a	Cement	FI007829	10 g	4,02	67,56	0,007	2,01	0,63	0,84	0,27	0,21	0,11	21,,36	2,78	0,043	0,235	0,005
FI001754	CRM	PR24	FX	CEM 354	Cement	FI007829	10 g	4,85	70,0	0,003	0,3	0,11	0,42	0,06	0,1	0,12	21,8	2,25	0,11	(0,04)	...
FI007752	CRM	PR24	FX	FLX-CRM 101	Cement	FI007829	10 g	8,81	48,24	0,01	3,52	2,1	1,7	0,118	0,68	0,191	30,31	3,16	0,248	(0,469)	(0,044)
FI007814	CRM	PR24	FX	CEM XRF 01a	Portland cement, materials	FI007829	10 g 1)	5,1	59,07	...	2,37	1,19	1,31	0,45	0,81	1,48	17,61	9,83	(0,38)	0,28	...
FI007815	CRM	PR24	FX	CEM XRF 02a	Portland blast furnace slag cement	FI007829	10 g	5,98	65,23	...	2,9	0,37	1,37	0,11	0,27	0,12	20,75	2,34	(0,06)	0,3	...
FI007816	CRM	PR24	FX	CEM XRF 03a	Portland cement, materials	FI007829	10 g 2)	4,45	63,18	...	2,37	0,7	2,36	0,06	0,37	0,76	19,11	5,97	(0,19)	0,22	...
FI007817	CRM	PR24	FX	CEM XRF 04a	Portland blast furnace slag cement	FI007829	10 g	5,23	66,63	...	2,77	0,28	0,87	0,1	0,17	0,2	20,36	2,7	(0,04)	0,33	...
FI007818	CRM	PR24	FX	CEM XRF 05a	Portland blast furnace slag cement	FI007829	10 g	3,28	64,96	...	3,37	0,36	1,05	0,06	0,2	0,11	24,41	1,79	(0,03)	0,19	...
FI007819	CRM	PR24	FX	CEM XRF 06a	Portland blast furnace slag cement	FI007829	10 g	3,87	64,15	...	4,13	0,41	0,83	0,12	0,22	0,13	23,18	2,2	(0,03)	0,2	...
FI007820	CRM	PR24	FX	CEM XRF 07a	Portland blast furnace slag cement	FI007829	10 g	2,82	63,36	...	3,14	0,4	0,8	0,04	0,15	0,1	26,27	2,57	(0,030)	0,16	...
FI007821	CRM	PR24	FX	CEM XRF 08a	Portland blast furnace slag cement	FI007829	10 g	2,73	63,49	...	3,05	0,3	0,59	0,12	0,19	0,17	26,61	2,48	(0,02)	0,14	...
FI007822	CRM	PR24	FX	CEM XRF 09a	Portland blast furnace slag cement	FI007829	10 g	7,94	58,91	...	2,07	0,32	2,49	0,09	0,33	0,11	24,53	(2,64)	(0,05)	0,37	...
FI007823	CRM	PR24	FX	CEM XRF 10a	Portland blast furnace slag cement	FI007829	10 g	9,47	54,6	...	1,83	0,34	3,22	0,16	0,24	0,15	26,5	(3,03)	(0,05)	0,38	...
FI007824	CRM	PR24	FX	CEM XRF 11a	Portland blast furnace slag cement	FI007829	10 g	8,89	55,64	...	1,98	0,34	2,96	0,2	0,31	0,28	26,11	(2,86)	(0,06)	0,4	...
FI007825	CRM	PR24	FX	CEM XRF 12a	Portland blast furnace slag cement, materials	FI007829	10 g 3)	8,75	55,78	...	2,14	0,32	3,13	0,69	0,19	0,09	24,75	(3,22)	(0,04)	1,04	...
FI007826	CRM	PR24	FX	CEM XRF 13a	Portland blast furnace slag cement	FI007829	10 g	11,03	50,51	...	1,1	0,29	4,2	0,12	0,35	0,06	28,61	(3,32)	(0,05)	0,45	...
FI007827	CRM	PR24	FX	CEM XRF 14a	Graduated blast furnace slag, materials	FI007829	10 g 4)	16,05	35,85	...	0,24	0,19	10,21	0,13	0,27	0,01	35,03	(1,74)	(0,05)	0,44	...
FI007828	CRM	PR24	FX	CEM XRF 15a	Cement, materials	FI007829	10 g 5)	2,07	75,62	...	7,01	...	0,01	...	0,03	...	14,87	0,02	(0,02)	...	...
FI007829	CRM	PR24	FX	CS-0001-CP10a		FI007829	set														

08.01. Cement validation set LQTS					Application	Set	Qty	Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	Mn2O3	Na2O	P2O5	SiO2	SO3	SrO	TiO2	ZnO
FI001755	CRM	PR24	FX	FLX-CRM 103	Cement	FI002545	10 g	7,75	54,9	0,007	1,78	0,77	4,44	0,17	0,33	0,09	26,95	2,73	0,07	0,372	0,01
FI001756	CRM	PR24	FX	NIST 1888b	Cement	FI002545	10 g	4,366	64,44	(0,01)	3,13	0,67	3,64	0,067	0,139	0,0746	20,85	2,69	0,103	0,236	(0,013)
FI002545	CRM	PR24	FX	CS-0001-VP10		FI002545	set														

These sets belong together

1) (Ca2SO4 · 2H2O, K2SO4, NaH2PO4, MnO, SrCO3), all concentrations are based on ignition 1h 950°C

2) (Ca2SO4 · 2H2O, K2SO4, NaH3PO4, SrCO3), all concentrations are based on ignition 1h 950°C

3) (TiO2, MnO), all concentrations are based on ignition 1h 950°C

4) (SiO2, Al2O3, MgO), all concentrations are based on ignition 1h 950°C

5) (SiO2, Al2O3, Fe2O3, CaCO3), all concentrations are based on ignition 1h 950°C

concentrations are based on ignition 1h 950°C

## XRF Calibration set

09.01. Raw Materials XRF calibration set LQTS																										
				Application	Set	Qty	Al2O3	BaO	CaO	Cr2O3	F	Fe2O3	K2O	LOI	MgO	Mn2O3	Na2O	P2O5	SiO2	SO3	SrO	TiO2	V2O5	ZnO	ZrO2	
FI001772	CRM	PR24	FX	RAW 01b	Dolomite	FI002548	10g	0,198	0,002	57,656	0,002	...	0,853	0,049	...	40,458	0,172	...	0,024	0,504	...	...	0,008	...	0,016	...
FI001773	CRM	PR24	FX	RAW 02	Granite	FI002548	10g	12,17	0,013	0,786	...	...	2,01	5,03	...	0,06	0,023	3,38	...	76,24	...	...	0,091	...	0,006	...
FI001774	CRM	PR24	FX	RAW 03a	Slag	FI002548	10g	6,2	...	31,2	...	...	0,786	0,38	...	18,9	0,868	0,24	...	39,0	1,44	...	0,39	...	...	...
FI001775	CRM	PR24	FX	RAW 04a	Phosphate	FI002548	10g	4,96	...	23,72	...	...	3,76	3,212	...	8,7	0,04	0,171	7,402	47,39	...	0,067	0,586	...	...	...
FI007485	CRM	PR24	FX	RAW 05b	Bauxite	FI002548	10g	85,319	...	0,241	...	...	1,183	0,441	...	0,211	...	0,08	0,132	8,194	...	...	3,771	...	...	0,19
FI001777	CRM	PR24	FX	RAW 06	Limestone	FI002548	10g	3,85	0,006	77,89	0,004	...	1,41	0,72	...	1,1	0,151	0,18	0,196	14,19	...	0,105	0,213	...	...	...
FI002762	CRM	PR24	FX	RAW 07	Limestone	FI002548	10g	4,277	...	63,13	0,01	...	3,06	0,66	...	3,56	0,065	0,14	0,073	20,42	2,63	0,101	...	...	0,013	...
FI001779	CRM	PR24	FX	RAW 08	Clay	FI002548	10g	35,9	0,05	0,19	0,018	...	1,18	2,53	...	0,34	...	0,39	0,081	58,05	...	...	1,227	...	...	...
FI001780	CRM	PR24	FX	RAW 09a	Fe2O3	FI002548	10g	...	...	...	...	99,99	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI001781	CRM	PR24	FX	RAW 10	Gypsum	FI002548	10g	0,12	0,004	41,11	...	...	0,06	0,03	...	0,22	...	0,01	0,014	0,56	57,73	0,137	...	...	...	...
FI001782	CRM	PR24	FX	RAW 11	Gypsum	FI002548	10g	2,56	0,015	35,58	...	...	1,36	0,68	...	2,18	...	0,09	0,03	10,98	46,3	0,227	...	...	...	...
FI007487	CRM	PR24	FX	RAW 12a	Sand	FI002548	10g	0,054	...	...	...	...	0,014	...	...	...	...	...	...	99,79	...	...	0,026	...	...	0,01
FI007486	CRM	PR24	FX	RAW 13b	Iron ore	FI002548	10g	0,518	...	5,371	...	0,283	84,867	0,127	...	0,918	0,112	0,146	3,606	3,613	0,051	...	0,216	0,172	...	...
FI001785	CRM	PR24	FX	RAW 14	Dolomite	FI002548	10g	0,63	...	56,56	...	...	0,52	0,195	...	39,71	0,034	0,055	0,008	2,13	...	0,014	...	...	...	...
FI001786	CRM	PR24	FX	RAW 15	Bauxite	FI002548	10g	77,79	...	0,026	0,067	...	12,42	0,013	...	0,017	0,006	...	0,0071	5,41	0,21	...	3,77	...	0,001	0,2
FI001787	CRM	PR24	FX	RAW 16	P Cement	FI002548	10g	4,85	...	70,0	0,003	...	0,3	0,11	...	0,42	0,057	0,1	0,12	21,8	2,25	0,11	0,04	...	...	...
FI001788	CRM	PR24	FX	RAW 17a	P Cement	FI002548	10g	5,54	...	64,51	0,009	...	2,62	0,82	...	1,47	0,066	0,23	0,166	20,89	2,97	0,286	0,283	...	0,051	...
FI008257	CRM	PR24	FX	RAW 18c	P Cement	FI002548	10g	4,78	...	63,62	...	...	3,27	0,73	2,18	2,72	...	0,12	...	20,86	3,23	...	0,28	...	...	...
FI008258	CRM	PR24	FX	RAW 19g	Cement	FI002548	10g	6,08	...	60,43	...	...	2,54	1,06	4,1	4,43	...	0,2	...	21,9	2,38	...	0,52	...	...	...
FI008259	CRM	PR24	FX	RAW 20h	P Cement	FI002548	10g	4,24	...	66,72	...	...	3,01	0,59	0,43	1,45	...	0,11	...	23,02	0,31	...	0,31	...	...	...
FI008250	CRM	PR24	FX	RAW 21a	P Cement	FI002548	10g	4,81	0,02	63,33	0,028	...	3,12	0,51	2,31	3,95	0,131	0,3	0,075	20,52	2,9	0,081	0,242	...	0,036	...
FI007490	CRM	PR24	FX	RAW 22a	P Cement	FI002548	10g	5,017	0,022	62,467	0,015	0,103	2,524	0,982	...	3,702	0,097	0,294	0,157	20,012	4,698	0,268	0,207	...	0,015	...
FI001796	CRM	PR24	FX	RAW 23	Al Cement	FI002548	10g	4,429	...	65,285	...	...	3,957	0,497	...	0,949	...	0,084	0,192	21,251	2,963	0,086	0,243	...	...	...
FI001797	CRM	PR24	FX	RAW 24	Al Cement	FI002548	10g	39,24	...	39,39	0,113	...	14,71	0,05	...	0,51	0,06	0,021	0,07	4,02	...	0,024	1,79	...	...	...
FI001798	CRM	PR24	FX	RAW 25	Cement	FI002548	10g	4,43	...	65,3	...	...	3,96	0,5	...	0,95	0,064	0,084	0,192	21,25	2,96	0,086	0,243	...	...	...
FI002548	CRM	PR24	FX	CS-0007-CP10		FI002548	set																			

09.01. Raw Materials XRF validation set LQTS																										
				Application	Set	Qty	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	Mn2O3	Na2O	P2O5	SiO2	SO3	SrO	TiO2	ZnO					
FI001799	CRM	PR24	FX	RAW V01	Al Sand	FI002546	10g	9,9	0,12	0,74	...	0,24	3,94	0,06	...	1,75	...	82,77	...	...	0,11	...	...	...	...	...
FI001800	CRM	PR24	FX	RAW V02	Gypsum	FI002546	10g	1,066	...	41,018	...	0,54	0,486	7,219	...	0,03	0,024	4,722	44,526	0,472	...	...	...	...	...	...
FI001801	CRM	PR24	FX	RAW V03	Iron ore	FI002546	10g	2,44	...	7,89	0,026	79,4	0,176	1,7	0,657	0,06	0,336	7,16	...	...	0,16	...	...	...	...	...
FI001802	CRM	PR24	FX	RAW V04	Rock	FI002546	10g	7,68	...	54,46	0,006	3,85	1,19	7,92	0,095	0,12	0,078	23,82	...	0,165	0,499	...	...	...	...	...
FI001803	CRM	PR24	FX	RAW V05	Limestone	FI002546	10g	0,192	...	98,945	...	0,049	0,027	0,324	0,019	...	...	0,406	0,043	0,031	...	0,003	...	...	...	...
FI001804	CRM	PR24	FX	RAW V06	Cement	FI002546	10g	8,83	...	48,28	0,01	3,51	2,1	1,68	0,118	0,67	0,188	30,38	3,16	0,248	0,465	0,044	...	...	...	...
FI001805	CRM	PR24	FX	RAW V07c	Cement	FI002546	10g	4,277	...	63,13	0,01	3,06	0,66	3,56	0,065	0,14	0,073	20,42	2,63	0,101	0,232	0,013	...	...	...	...
FI002546	CRM	PR24	FX	CS-0007-VP10		FI002546	set																			

also available individual

# XRF Glass discs

10.01. XRF Drift Monitors				Application	Qty	Ag2O	Al2O3	As2O3	B2O3	BaO	Bi2O3	Br	CaO	CeO2	CdO	Cl	Co3O4	Cr2O3	CuO	Dy2O3	Er2O3	F		
FI001910	PR24	FX	FLX-S13	multi-elemental	D40x6mm	0,27	3,95	0,18	rest	1,2	2,17	0,21	5,21	0,46	0,42	0,42	0,45	0,47	0,42	0,27	0,21	1,21		
FI001911	PR24	FX	FLX-S6M	multi-elemental	D40x6mm	...	6,14	0,15	rest	1,57	...	...	4,87	0,37	0,28	...	0,52	0,31	0,39	0,19	0,18	...	continued	
Continuation from above					Fe2O3	Gd2O3	GeO2	HfO2	In2O3	K2O	La2O3	Li2O	MgO	MnO	MoO3	Na2O	Nb2O5	Nd2O3	NiO	P2O5	PbO	Pr6O11		
FI001910	PR24	FX	FLX-S13	multi-elemental	0,45	0,26	0,09	0,29	0,25	4,76	0,42	1,8	1,88	0,43	0,25	7,74	0,28	0,36	0,49	0,55	1,81	0,27		
FI001911	PR24	FX	FLX-S6M	multi-elemental	0,47	0,17	...	0,4	...	3,27	0,38	1,5	1,43	0,15	0,47	9,16	0,9	0,29	0,48	0,7	1,83	0,22	continued	
Continuation from above					Rb2O	Sb2O3	Sc2O3	SeO2	SiO2	Sm2O3	SnO2	SO3	SrO	Ta2O5	TeO2	TiO2	V2O5	WO3	Y2O3	Yb2O3	ZnO	ZrO2		
FI001910	PR24	FX	FLX-S13	multi-elemental	0,1	0,16	0,09	0,01	45,13	0,26	0,41	0,47	0,99	0,46	0,42	0,48	0,46	0,42	0,19	0,19	0,94	0,47		
FI001911	PR24	FX	FLX-S6M	multi-elemental	...	0,22	...	...	47,26	0,12	0,57	...	1,02	0,53	...	4,93	0,49	...	0,31	0,23	1,1	0,63		
10.01. XRF Drift Monitors				Application	Qty	Al2O3	As2O3	B2O3	Bi2O3	CaO	CdO	Fe2O3	MgO	MnO	Na2O	P2O5	SiO2	SnO2	SO3	SrO	Ta2O5	TeO2	ZnO	ZrO2
FI001909	PR24	FX	FLX-ThA	Natural Marble	D40x10mm	0,04	...	...	...	29,69	...	0,018	22,2	0,003	...	0,01	0,08	...	...	0,003	...	...	...	...
FI001913	PR24	FX	FLX-A1	cement	D40x6mm	5,3	0,43	20,0	0,52	0,43	2,22	...	1,85	1,73	12,83	0,87	50,37	0,54	0,21	...	0,38	0,09	1,98	0,51
10.01. XRF Drift Monitors				Application	Qty	Al2O3	B2O3	CaO	K2O	MgO	Na2O	Sb2O3	SiO2	All elements in ppm										
FI001914	PR24	FX	FLX-RoHS 1	ROHS	D40x6mm	6,69	...	9,77	2,08	5,85	15,3	1,12	55,5	...	...	...	...	...	...	...	...	...	...	...
FI001915	PR24	FX	FLX-RoHS 2	ROHS	D40x6mm	7,87	rest	7,25	2,02	3,89	15,3	0,94	60,21	1000,0	100,0	1100,0	800,0	...	...	...	...	...	...	...
FI001916	PR24	FX	FLX-RoHS 3	ROHS	D40x6mm	6,79	...	10,26	2,21	6,27	15,35	1,14	55,07	2500,0	1000,0	5000,0	5000,0	...	...	...	...	...	...	...

All xrf drift monitors are quality checked by xrf. The conc. shown are measured values. Due to batch variations conc. may change slightly. All xrf drift monitors could be produced as micro xrf samples with a diam. of 6mm and a thickness of 3-5mm

## XRF Glass discs

10.01.		XRF Drift Monitors		Application	Qty	Ag	Al	Al2O3	B2O3	Ba	BaO	Ca	CaO	CeO2	Cd	Cl	Co3O4	Cr	Cr2O3	Cu	F	Fe	Fe2O3
FI001917	PR24	FX	FLX-C1	cement	D40x6mm	...	...	10,09	rest	...	...	...	44,11	...	...	...	...	...	0,07	...	...	...	2,27
FI001918	PR24	FX	FLX-C2	cement	D40x6mm	...	...	2,77	rest	...	...	...	34,35	...	...	0,16	...	...	0,18	...	1,7	...	1,62
FI001919	PR24	FX	FLX-C3	cement	D40x6mm	...	...	11,53	rest	...	...	...	28,43	...	...	0,18	...	...	0,1	...	...	...	1,89
FI001920	PR24	FX	FLX-D1	Dolomite	D40x6mm	...	...	0,51	rest	...	...	...	26,52	...	...	...	...	...	...	...	...	...	...
FI001921	PR24	FX	FLX-F1	XRF Drift Monitors	D40x6mm	...	...	2,2	rest	...	0,3	...	3,0	0,5	...	...	0,5	...	...	...	3,0	...	...
FI001924	PR24	FX	FLX-G603	XRF Drift Monitors	D40x6mm	...	...	14,66	...	...	0,11	...	2,79	...	...	...	...	...	...	...	...	...	1,13
FI001925	PR24	FX	FLX-O1	XRF Drift Monitors	D40x6mm	0,5	1,9	...	...	5,6	...	4,3	...	...	0,5	0,4	...	0,6	...	0,9	...	0,8	...
Continuation from above					Ga2O3	K	K2O	La2O3	Li2O	Mg	MgO	Mn	MnO	Mo	Na	Na2O	Nb2O5	Nd2O3	Ni	P	P2O5	Pb	Pr6O11
FI001917	PR24	FX	FLX-C1	cement	...	...	0,76	...	...	...	1,51	...	0,16	...	...	0,8	...	...	...	...	0,17	...	...
FI001918	PR24	FX	FLX-C2	cement	...	...	0,51	...	...	...	1,43	...	0,08	...	...	0,47	...	...	...	...	0,45	...	...
FI001919	PR24	FX	FLX-C3	cement	...	...	0,76	...	1,5	...	2,65	...	0,16	...	...	2,2	...	...	...	...	0,58	...	...
FI001920	PR24	FX	FLX-D1	Dolomite	...	...	0,44	...	...	...	19,14	...	0,35	...	...	...	...	...	...	...	0,47	...	...
FI001921	PR24	FX	FLX-F1	XRF Drift Monitors	0,1	...	18,0	0,5	...	...	0,9	...	...	...	...	1,0	0,5	0,5	...	...	...	...	0,15
FI001924	PR24	FX	FLX-G603	XRF Drift Monitors	...	...	3,19	...	...	...	0,44	...	...	...	...	3,77	...	...	...	...	0,1	...	...
FI001925	PR24	FX	FLX-O1	XRF Drift Monitors	...	0,9	...	...	...	2,8	...	0,3	...	1,6	5,3	...	...	...	0,9	0,6	...	2,8	...
Continuation from above					S	Sb2O3	Si	SiO2	Sn	SO3	SrO	Ta2O5	Ti	TiO2	V	Zn	ZnO	ZrO2					
FI001917	PR24	FX	FLX-C1	cement	...	...	...	16,59	...	0,53	0,17	...	...	0,14	...	...	0,07	...	...	...	...	...	...
FI001918	PR24	FX	FLX-C2	cement	...	...	...	38,39	...	0,2	0,1	...	...	0,13	...	...	0,08	...	...	...	...	...	...
FI001919	PR24	FX	FLX-C3	cement	...	...	...	19,95	...	0,43	0,18	...	...	0,19	...	...	0,1	...	...	...	...	...	...
FI001920	PR24	FX	FLX-D1	Dolomite	...	...	...	30,46	...	0,01	...	...	...	0,43	...	...	...	...	...	...	...	...	...
FI001921	PR24	FX	FLX-F1	XRF Drift Monitors	...	1,0	...	64,4	...	...	1,0	0,12	...	1,0	...	...	0,2	1,0	...	...	...	...	...
FI001924	PR24	FX	FLX-G603	XRF Drift Monitors	...	...	...	71,75	...	0,09	...	...	...	0,18	...	...	...	...	...	...	...	...	...
FI001925	PR24	FX	FLX-O1	XRF Drift Monitors	0,1	...	24,8	...	0,9	...	...	...	0,7	...	0,6	3,5	...	...	...	...	...	...	...

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# XRF Glass discs

10.01. XRF Drift Monitors				Application	Qty	Ag2O	Al2O3	As2O3	B2O3	BaO	Bi2O3	Br	CaO	CeO2	CdO	Cl	Co3O4	Cr2O3	CuO	F	Fe2O3	GeO2	K2O	La2O3	
FI001926	PR24	FX	FLX-O6	oil, organic	D40x6mm	...	4,27	...	rest	...	...	...	14,66	...	...	...	...	...	...	4,24	4,64	...	1,47	...	
FI001927	PR24	FX	FLX-PR2	XRF Drift Monitors	D40x6mm	...	...	...	rest	...	...	...	...	...	...	...	...	...	...	...	...	...	8,2	...	
FI001929	PR24	FX	FLX-Q1	Silica	D40x6mm	...	1,52	...	...	...	...	...	...	...	...	...	...	...	...	...	0,157	...	0,28	...	
FI001930	PR24	FX	FLX-Q2	XRF Drift Monitors	D40x6mm	...	7,82	...	rest	...	...	...	4,55	...	...	...	...	0,59	...	...	4,95	...	3,5	...	
FI001931	PR24	FX	FLX-Q3	XRF Drift Monitors	D40x6mm	...	2,25	...	rest	...	...	...	0,45	0,47	...	...	...	...	...	...	...	...	...	...	
FI001932	PR24	FX	FLX-Q4	Silica	D40x6mm	...	0,617	...	...	...	...	...	0,257	...	...	...	...	...	...	...	1,18	...	1,01	...	
FI001933	PR24	FX	FLX-R1	XRF Drift Monitors	D40x6mm	...	7,72	...	...	0,564	...	...	4,12	...	...	0,65	...	...	...	2,9	0,147	...	4,9	...	continued
FI001934	PR24	FX	FLX-R2	XRF Drift Monitors	D40x6mm	...	...	1,8	rest	...	...	...	...	1,8	...	...	...	...	...	...	...	1,89	3,42	1,48	
FI001935	PR24	FX	FLX-R3	XRF Drift Monitors	D40x6mm	0,45	6,05	...	rest	...	0,49	0,16	8,09	...	...	...	...	...	...	...	...	...	4,68	...	
FI001936	PR24	FX	FLX-R4	XRF Drift Monitors	D40x6mm	...	0,01	...	rest	...	...	...	...	...	...	...	1,87	...	...	...	7,33	...	12,82	...	
FI001937	PR24	FX	FLX-R5	XRF Drift Monitors	D40x6mm	...	...	...	...	4,15	...	...	...	...	...	1,22	...	...	...	...	...	...	3,62	...	
FI001938	PR24	FX	FLX-S10	XRF Drift Monitors	D40x6mm	...	4,16	...	rest	...	...	...	11,95	...	...	...	...	...	...	...	0,28	...	0,229	...	
FI001939	PR24	FX	FLX-S4	XRF Drift Monitors	D40x6mm	...	4,13	...	rest	0,85	2,28	...	4,52	0,38	0,34	...	0,46	0,44	0,42	...	0,49	...	3,92	0,41	
FI001940	PR24	FX	FLX-S5	XRF Drift Monitors	D40x6mm	...	4,43	...	rest	0,69	2,04	...	5,29	0,36	0,33	...	0,41	0,42	0,4	0,7	0,48	...	4,52	0,35	

Continuation				from above	Li2O	MgO	MnO	MoO3	Na2O	Nb2O5	NiO	P2O5	PbO	Sb2O3	SiO2	SnO2	SO3	SrO	Ta2O5	TiO2	V2O5	WO3	ZnO	ZrO2
FI001926	PR24	FX	FLX-O6	oil, organic	...	...	...	1,58	2,67	...	2,8	0,21	...	...	13,16	...	5,15	...	...	...	3,17	...	2,73	...
FI001927	PR24	FX	FLX-PR2	XRF Drift Monitors	3,0	17,8	...	...	...	...	...	...	2,9	...	25,2	0,9	...	...	...	...	...	3,7	...	...
FI001929	PR24	FX	FLX-Q1	Silica	...	...	...	...	0,315	...	...	...	...	...	59,06	...	...	...	...	...	...	...	...	...
FI001930	PR24	FX	FLX-Q2	XRF Drift Monitors	...	1,52	0,67	...	2,19	...	...	0,5	...	...	60,21	...	...	...	...	0,87	0,12	...	...	...
FI001931	PR24	FX	FLX-Q3	XRF Drift Monitors	9,1	5,33	...	...	...	...	...	...	...	...	41,72	...	...	...	...	...	...	...	...	...
FI001932	PR24	FX	FLX-Q4	Silica	...	0,566	...	...	0,39	...	...	...	...	...	66,77	...	...	...	...	...	...	...	...	...
FI001933	PR24	FX	FLX-R1	XRF Drift Monitors	...	...	...	...	11,23	...	...	2,48	...	0,154	64,67	...	...	0,237	...	...	...	...	...	...
FI001934	PR24	FX	FLX-R2	XRF Drift Monitors	...	...	...	1,15	15,9	...	...	5,53	1,9	...	57,4	1,49	...	...	...	...	3,11	1,5	...	...
FI001935	PR24	FX	FLX-R3	XRF Drift Monitors	...	5,08	...	...	10,85	0,99	1,92	...	...	...	55,42	...	0,47	...	...	...	...	...	1,06	...
FI001936	PR24	FX	FLX-R4	XRF Drift Monitors	...	...	...	...	4,11	...	...	...	...	...	63,34	...	0,2	...	...	2,21	...	...	...	...
FI001937	PR24	FX	FLX-R5	XRF Drift Monitors	...	...	4,59	5,31	15,49	...	...	16,44	...	...	42,39	...	...	...	...	...	2,76	...	5,06	...
FI001938	PR24	FX	FLX-S10	XRF Drift Monitors	...	2,18	...	...	9,46	...	...	0,104	...	...	65,74	...	...	...	...	0,104	...	...	...	...
FI001939	PR24	FX	FLX-S4	XRF Drift Monitors	...	1,75	0,28	0,42	10,33	0,73	0,45	0,43	2,56	...	57,25	0,44	...	0,76	0,41	0,5	0,47	0,38	0,92	0,45
FI001940	PR24	FX	FLX-S5	XRF Drift Monitors	...	1,65	0,27	0,43	10,12	0,67	0,44	0,49	2,41	...	52,42	0,33	...	0,78	0,33	0,48	0,46	0,31	0,87	0,48

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## XRF Glass discs

10.01. XRF Drift Monitors					Application	Qty	Al2O3	As2O3	B2O3	BaO	C	CaO	CdO	Cl	Cr2O3	F	Fe2O3	K2O	MgO	MnO	MoO3	Na2O	P2O5
FI001941	PR24	FX	FLX-S7	XRF Drift Monitors	D40x6mm	11,27	...	rest	...	...	9,81	...	...	...	...	9,92	2,53	4,74	0,23	...	3,14	0,32	
FI001942	PR24	FX	FLX-S9	XRF Drift Monitors	D40x6mm	2,59	...	...	...	...	9,36	...	...	...	...	0,502	1,19	0,946	...	...	12,73	0,191	
FI001943	PR24	FX	FLX-SP1	XRF Drift Monitors	D40x6mm	...	3,48	...	...	...	27,28	...	...	...	...	2,77	...	...	...	4,4	14,34	...	
FI001944	PR24	FX	FLX-SP1-32	XRF Drift Monitors	D32x6mm	...	3,53	...	...	...	28,61	...	...	...	...	2,72	...	...	...	5,37	14,84	...	
FI001945	PR24	FX	FLX-SP2	cement	D40x6mm	...	...	rest	4,61	...	...	3,58	...	...	...	...	...	17,4	...	...	...	...	
FI001946	PR24	FX	FLX-SP2-32	XRF Drift Monitors	D32x6mm	...	...	...	5,59	...	...	3,82	...	...	...	...	...	17,93	...	...	...	...	
FI001947	PR24	FX	FLX-Z1	cement	D40x6mm	0,42	...	rest	...	...	32,77	...	1,15	...	3,54	0,09	0,09	0,29	0,05	...	5,51	0,23	continued
FI001948	PR24	FX	FLX-Z2	Cement	D40x6mm	7,37	...	rest	...	...	7,73	...	0,13	0,26	1,04	2,06	2,27	6,39	0,55	...	0,62	7,27	
FI001949	PR24	FX	FLX-Z3	XRF Drift Monitors	D40x6mm	1,36	...	rest	...	...	5,25	...	0,33	...	...	...	4,57	...	...	...	15,48	...	
FI001950	PR24	FX	FLX-Z4	XRF Drift Monitors	D40x6mm	16,69	0,137	...	...	...	23,44	...	...	...	0,41	0,162	0,244	0,719	...	...	...	...	
FI001951	PR24	FX	FLX-Z5	XRF Drift Monitors	D40x6mm	18,16	...	...	...	...	22,67	...	...	0,19	...	9,39	0,41	4,07	2,7	...	...	0,89	
FI001953	PR24	FX	FLX-SC 224	XRF Drift Monitors	D40x6mm	...	...	...	...	99,9	...	...	...	...	...	...	...	...	...	...	...	...	
Continuation from above					PbO	Sb2O3	SiO2	SO3	SrO	TiO2	V2O5	ZnO	ZrO2										
FI001941	PR24	FX	FLX-S7	XRF Drift Monitors	...	...	43,7	...	...	2,03	...	...	...										
FI001942	PR24	FX	FLX-S9	XRF Drift Monitors	...	...	71,25	...	...	0,216	...	...	...										
FI001943	PR24	FX	FLX-SP1	XRF Drift Monitors	...	...	43,6	...	...	...	3,9	...	...										
FI001944	PR24	FX	FLX-SP1-32	XRF Drift Monitors	...	...	45,57	...	...	...	3,76	...	...										
FI001945	PR24	FX	FLX-SP2	cement	4,08	...	45,9	...	...	...	2,39	2,05											
FI001946	PR24	FX	FLX-SP2-32	XRF Drift Monitors	4,42	...	44,69	...	...	...	2,82	2,05											
FI001947	PR24	FX	FLX-Z1	cement	...	...	12,18	3,59	0,01	0,08	...	...	...										
FI001948	PR24	FX	FLX-Z2	Cement	...	...	29,56	0,07	0,05	1,04	...	0,11	...										
FI001949	PR24	FX	FLX-Z3	XRF Drift Monitors	...	0,47	61,7	0,85	2,19	...	...	...	...										
FI001950	PR24	FX	FLX-Z4	XRF Drift Monitors	...	...	56,33	...	...	0,233	...	...	...										
FI001951	PR24	FX	FLX-Z5	XRF Drift Monitors	...	...	25,63	...	...	0,73	...	...	...										
FI001953	PR24	FX	FLX-SC 224	XRF Drift Monitors	...	...	...	...	...	...	...	...	...										

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# XRF Glass discs

10.01.		XRF Drift Monitors		Application	Qty	Ag2O	Al	Al2O3	As	As2O3	B2O3	BaO	Bi2O3	Ca	CaO	CdO	Co	Co3O4	Cr2O3	Cs2O	CuO	F	
FI002737	PR24	FX	FLX-CH3	Cement	D40x6mm	0,56	...	14,56	...	0,55	...	5,02	2,07	...	0,63	...	...	1,24	0,66	0,02	0,35	...	
FI007148	PR24	FX	FLX-L2	XRF Drift Monitors	D40x6mm	...	5,88	...	0,12	...	rest	...	...	0,17	...	...	0,56	...	...	...	...	...	
FI007202	PR24	FX	FLX-Slag 1	Slag	40mm	...	...	1,04	...	...	rest	0,11	...	...	19,12	...	...	...	0,09	...	0,09	0,91	
FI007478	PR24	FX	FLX-RIVM01	XRF Drift Monitors	D50mm	...	...	...	...	...	rest	0,044	...	...	12,0	0,036	...	...	...	...	...	...	
FI007479	PR24	FX	FLX-RIVM01	XRF Drift Monitors	D40mm	...	...	...	...	...	rest	0,044	...	...	12,0	0,036	...	...	...	...	...	...	
FI007483	PR24	FX	FLX-K04	XRF Drift Monitors	D40x6mm	...	...	...	...	2,12	rest	...	...	...	14,8	...	...	0,52	...	...	...	...	
FI007484	PR24	FX	FLX-PR 3	XRF Drift Monitors	D40x6mm	...	...	18,34	...	...	rest	...	...	...	4,74	...	...	...	0,98	...	...	...	
Continuation from above						Fe	Fe2O3	Ga2O3	In2O3	K2O	La2O3	Li2O	MgO	MnO	Mo	MoO3	Na	Na2O	Nb2O5	Ni	NiO	P	P2O5
FI002737	PR24	FX	FLX-CH3	Cement	...	...	0,99	0,12	1,96	0,36	...	0,14	11,19	...	...	...	16,24	...	...	2,38	...	0,63	
FI007148	PR24	FX	FLX-L2	XRF Drift Monitors	0,25	...	...	...	...	...	8,0	...	...	2,59	...	0,18	...	...	1,21	...	0,59	...	
FI007202	PR24	FX	FLX-Slag 1	Slag	...	0,46	...	...	0,55	...	5,0	2,04	0,07	...	...	...	0,57	0,11	...	0,09	...	0,54	
FI007478	PR24	FX	FLX-RIVM01	XRF Drift Monitors	...	...	...	...	4,68	...	...	7,45	...	...	...	...	15,4	...	...	...	...	...	
FI007479	PR24	FX	FLX-RIVM01	XRF Drift Monitors	...	...	...	...	4,68	...	...	7,45	...	...	...	...	15,4	...	...	...	...	...	
FI007483	PR24	FX	FLX-K04	XRF Drift Monitors	...	...	...	...	2,18	...	...	...	6,81	...	2,9	...	5,22	...	...	...	...	...	
FI007484	PR24	FX	FLX-PR 3	XRF Drift Monitors	...	...	...	...	1,31	...	...	9,35	...	...	...	...	...	...	...	0,65	...	11,97	
Continuation from above						Pb	PbO	Pr6O11	S	Sb2O3	SiO2	SnO2	SO3	SrO	Ta2O5	TiO2	V	V2O5	W	Y2O3	ZnO	ZrO2	
FI002737	PR24	FX	FLX-CH3	Cement	...	0,54	0,15	...	0,44	34,76	0,94	...	0,014	0,06	1,0	...	...	...	0,23	2,06	...	...	
FI007148	PR24	FX	FLX-L2	XRF Drift Monitors	0,11	...	...	0,02	...	43,55	...	...	...	...	...	0,55	...	0,22	...	...	...	...	
FI007202	PR24	FX	FLX-Slag 1	Slag	...	0,09	...	...	...	41,95	...	0,51	0,09	...	0,49	...	0,49	...	...	0,09	0,1	...	
FI007478	PR24	FX	FLX-RIVM01	XRF Drift Monitors	...	...	...	...	...	55,2	...	0,126	...	...	...	...	0,059	...	...	0,045	...	...	
FI007479	PR24	FX	FLX-RIVM01	XRF Drift Monitors	...	...	...	...	...	55,2	...	0,126	...	...	...	...	0,059	...	...	0,045	...	...	
FI007483	PR24	FX	FLX-K04	XRF Drift Monitors	...	...	...	...	2,12	29,9	...	...	...	...	...	...	...	...	...	...	...	...	
FI007484	PR24	FX	FLX-PR 3	XRF Drift Monitors	...	...	...	...	...	35,26	...	...	...	...	3,4	...	...	...	...	...	...	...	

continued

continued

All xrf drift monitors are quality checked by xrf. The conc. shown are measured values. Due to batch variations conc. may change slightly. All xrf drift monitors could be produced as micro xrf samples with a diam. of 6mm and a thickness of 3-5mm

## XRF Gass discs

10.02. XRF Control Samples				All elements in ppm																		
			Application	Qty	S	Ag	Al	As	Ba	Br	Ca	Cd	Cl	Co	Cr	Cu	Fe	Hg	K	Mg	Mn	
FI001963	PR24	FX	FLX-03	Control Sample *	40mm	2,0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI001964	PR24	FX	FLX-04	Control Sample *	40mm	2,0	...	...	...	...	...	...	...	...	...	...	100,0	...	...	...	...	...
FI001965	PR24	FX	FLX-05	Control Sample *	40mm	2,0	...	...	...	...	...	...	...	...	...	...	250,0	...	...	...	...	...
FI001966	PR24	FX	FLX-OME 5	Control Sample *	40mm	...	5,0	5,0	...	5,0	...	20,0	5,0	...	...	5,0	2,0	10,0	...	...	15,0	5,0
FI001967	PR24	FX	FLX-OME 10	Control Sample *	40mm	...	10,0	10,0	...	10,0	...	27,0	10,0	...	...	10,0	2,0	10,0	...	10,0	25,0	10,0
FI001968	PR24	FX	FLX-OME 25	Control Sample *	40mm	...	25,0	25,0	...	44,0	...	40,0	25,0	4,0	...	25,0	10,0	25,0	...	25,0	25,0	25,0
FI001969	PR24	FX	FLX-OME 50	Control Sample *	40mm	...	50,0	50,0	...	50,0	...	50,0	50,0	8,0	...	50,0	25,0	50,0	...	50,0	50,0	50,0
FI001970	PR24	FX	FLX-OME 100	Control Sample *	40mm	...	100,0	100,0	...	100,0	...	100,0	100,0	20,0	...	100,0	60,0	100,0	...	100,0	100,0	100,0
FI001971	PR24	FX	FLX-OME 250	Control Sample *	40mm	...	250,0	250,0	...	250,0	...	250,0	250,0	40,0	...	250,0	204,0	250,0	...	250,0	250,0	250,0
FI001972	PR24	FX	FLX-OME 500	Control Sample *	40mm	...	500,0	500,0	...	500,0	...	500,0	500,0	149,0	...	500,0	500,0	500,0	...	500,0	500,0	500,0
FI001973	PR24	FX	FLX-OME 900	Control Sample *	40mm	...	900,0	900,0	...	900,0	...	900,0	900,0	250,0	...	900,0	900,0	900,0	...	900,0	900,0	900,0
FI001974	PR24	FX	FLX-OME 2500	Control Sample *	40mm	...	2500,0	2500,0	...	2900,0	...	2500,0	2500,0	842,0	...	2500,0	2500,0	2500,0	...	2500,0	2500,0	2500,0
FI002854	PR24	FX	FLX-02	Control Sample *	40mm	...	600,0	900,0	...	800,0	1000,0	850,0	750,0	200,0	...	850,0	850,0	900,0	...	800,0	900,0	900,0
FI002855	PR24	FX	FLX-OME 1000	Control Sample *	40mm	...	1000,0	1000,0	...	1000,0	...	1000,0	1000,0	1000,0	...	1000,0	1000,0	1000,0	...	1000,0	1000,0	1000,0
FI002961	PR24	FX	FLX-OIP593	Control Sample *	40mm	0,98	...	...	14,0	...	...	...	9,0	...	10,0	10,0	60,0	...	10,0	...	...	12,0
Continuation from above				All elements in ppm																		
					Mo	Na	Ni	P	Pb	S	Sb	Si	Sn	Ti	Tl	V	Zn	Zr				
FI001963	PR24	FX	FLX-03	Control Sample *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI001964	PR24	FX	FLX-04	Control Sample *	...	...	100,0	...	...	...	...	...	...	...	...	100,0	...	...	...	...	...	...
FI001965	PR24	FX	FLX-05	Control Sample *	...	...	250,0	...	...	...	...	...	...	...	...	250,0	...	...	...	...	...	...
FI001966	PR24	FX	FLX-OME 5	Control Sample *	5,0	5,0	2,0	5,0	5,0	5,0	...	13,0	5,0	5,0	...	5,0	5,0	5,0	...	...	...	...
FI001967	PR24	FX	FLX-OME 10	Control Sample *	10,0	10,0	3,0	10,0	10,0	10,0	...	10,0	10,0	10,0	...	10,0	10,0	...	...	...	...	...
FI001968	PR24	FX	FLX-OME 25	Control Sample *	25,0	25,0	25,0	25,0	25,0	20,0	...	31,0	10,0	25,0	...	25,0	25,0	25,0	...	...	...	...
FI001969	PR24	FX	FLX-OME 50	Control Sample *	50,0	50,0	50,0	50,0	50,0	38,0	...	50,0	35,0	50,0	...	50,0	50,0	50,0	...	...	...	...
FI001970	PR24	FX	FLX-OME 100	Control Sample *	100,0	100,0	100,0	100,0	100,0	65,0	...	100,0	70,0	100,0	...	100,0	100,0	100,0	...	...	...	...
FI001971	PR24	FX	FLX-OME 250	Control Sample *	250,0	190,0	250,0	250,0	250,0	220,0	...	250,0	250,0	250,0	...	250,0	250,0	250,0	...	...	...	...
FI001972	PR24	FX	FLX-OME 500	Control Sample *	500,0	500,0	500,0	500,0	500,0	441,0	...	500,0	500,0	500,0	...	500,0	500,0	500,0	...	...	...	...
FI001973	PR24	FX	FLX-OME 900	Control Sample *	900,0	900,0	900,0	900,0	900,0	790,0	...	900,0	900,0	900,0	...	900,0	900,0	900,0	...	...	...	...
FI001974	PR24	FX	FLX-OME 2500	Control Sample *	2500,0	2500,0	2500,0	2500,0	2800,0	2200,0	...	2500,0	2500,0	2500,0	...	2500,0	2500,0	2500,0	...	...	...	...
FI002854	PR24	FX	FLX-02	Control Sample *	950,0	300,0	900,0	900,0	900,0	700,0	...	850,0	950,0	800,0	...	...	800,0	...	...	...	...	...
FI002855	PR24	FX	FLX-OME 1000	Control Sample *	1000,0	1000,0	1000,0	1000,0	1000,0	1000,0	...	1000,0	1000,0	1000,0	...	1000,0	1000,0	...	...	...	...	...
FI002961	PR24	FX	FLX-OIP593	**	...	...	11,0	...	50,0	...	9,0	...	...	...	8,0	9,0	188,0	...	...	...	...	

continued

\* Glass beads made from borate glass. These samples have the status of an RM. These control samples are also available on customer request. Concentrations are calculated from weights of chemical raw materials. Variations in the final glass are possible.

\*\*Glass bead made from borate glass. Used to control liquid waste according IP 593, only for EDXRF

# XRF Gass discs

10.03. XRF LOC Samples				Application	Set	Qty	Al	Ba	Bi	Ca	Cd	Cl	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S
FI002563	PR24	FX	FLX-LOC-Al	Single element glass for line overlap correction	FI002587	40mm	1,0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI002564	PR24	FX	FLX-LOC-Ba	Single element glass for line overlap correction	FI002587	40mm	...	1,0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI002565	PR24	FX	FLX-LOC-Bi	Single element glass for line overlap correction	FI002587	40mm	...	...	1,0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI002566	PR24	FX	FLX-LOC-Ca	Single element glass for line overlap correction	FI002587	40mm	...	...	...	1,0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FI002567	PR24	FX	FLX-LOC-Cd	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	1,0	...	...	...	...	...	...	...	...	...	...	...	...	...
FI002568	PR24	FX	FLX-LOC-Cl	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	1,0	...	...	...	...	...	...	...	...	...	...	...	...
FI002569	PR24	FX	FLX-LOC-Cr	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	0,5	...	...	...	...	...	...	...	...	...	...	...
FI002570	PR24	FX	FLX-LOC-Cu	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	1,0	...	...	...	...	...	...	...	...	...	...
FI002571	PR24	FX	FLX-LOC-Fe	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	1,0	...	...	...	...	...	...	...	...	...
FI002572	PR24	FX	FLX-LOC-K	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	1,0	...	...	...	...	...	...	...	...
FI002573	PR24	FX	FLX-LOC-Mg	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	1,0	...	...	...	...	...	...	...
FI002574	PR24	FX	FLX-LOC-Mn	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	1,0	...	...	...	...	...	...
FI002575	PR24	FX	FLX-LOC-Mo	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	...	1,0	...	...	...	...	...
FI002576	PR24	FX	FLX-LOC-Na	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	...	...	1,0	...	...	...	...
FI002577	PR24	FX	FLX-LOC-Ni	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,0	...	...	...
FI002578	PR24	FX	FLX-LOC-P	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,0	...	...
FI002579	PR24	FX	FLX-LOC-Pb	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,0	...
FI002580	PR24	FX	FLX-LOC-S	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,0

10.03. XRF LOC Samples				Application	Set	Qty	Si	Sn	Ti	V	Zn	Zr
FI002581	PR24	FX	FLX-LOC-Si	Single element glass for line overlap correction	FI002587	40mm	1,0	...	...	...	...	...
FI002582	PR24	FX	FLX-LOC-Sn	Single element glass for line overlap correction	FI002587	40mm	...	1,0	...	...	...	...
FI002583	PR24	FX	FLX-LOC-Ti	Single element glass for line overlap correction	FI002587	40mm	...	...	1,0	...	...	...
FI002584	PR24	FX	FLX-LOC-V	Single element glass for line overlap correction	FI002587	40mm	...	...	...	1,0	...	...
FI002585	PR24	FX	FLX-LOC-Zn	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	1,0	...
FI002586	PR24	FX	FLX-LOC-Zr	Single element glass for line overlap correction	FI002587	40mm	...	...	...	...	...	1,0
FI002587	PR24	FX	FLX-LOC-Set	Single element glass for line overlap correction	FI002587	set	...	...	...	...	...	...

Glass beads made from borate glass. These samples have the status of an RM. These control samples are also available on customer request. Concentrations are calculated from weights of chemical raw materials. Variations in the final glass are possible.

Notes

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Official agent