

Group : powder_oxide

Sample : Sample 6 BGF 4521 pan

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Intensity	
MnO	36.398	±	[0.041]	Quant.-FP	MnKa	3392.8074
SiO2	29.706	±	[0.729]	Quant.-FP	SiKa	4.7984
Al2O3	17.176	±	[4.481]	Quant.-FP	AlKa	0.4340
Fe2O3	7.373	±	[0.013]	Quant.-FP	FeKa	829.3521
K2O	2.362	±	[0.027]	Quant.-FP	K Ka	31.1461
BaO	2.141	±	[0.018]	Quant.-FP	BaLa	42.7866
P2O5	1.544	±	[0.244]	Quant.-FP	P Ka	0.7735
CaO	1.085	±	[0.013]	Quant.-FP	CaKa	22.3900
TiO2	0.712	±	[0.006]	Quant.-FP	TiKa	28.7699
Tb4O7	0.637	±	[0.001]	Quant.-FP	TbLa	26.9329
S03	0.391	±	[0.080]	Quant.-FP	S Ka	0.5967
Pm2O3	0.264	±	[0.015]	Quant.-FP	PmLa	7.2781
SrO	0.198	±	[0.002]	Quant.-FP	SrKa	60.3409
ZnO	0.008	±	[0.002]	Quant.-FP	ZnKa	0.9807
Rb2O	0.004	±	[0.001]	Quant.-FP	RbKa	1.3410
Br	0.001	±	[0.002]	Quant.-FP	BrKa	0.2286
ThO2	0.000	±	[0.002]	Quant.-FP	ThLa	0.0282

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Sample : Sample 5 BGF 452 sieve 38

Analyte	Result	%	[3-sigma]	Proc.-Calc.	Line	Intensity
SiO2	38.180	%	[0.810]	Quant.-FP	SiKa	6.1163
MnO	33.257	%	[0.037]	Quant.-FP	MnKa	3010.8813
Al2O3	14.876	%	[4.107]	Quant.-FP	AlKa	0.3683
Fe2O3	5.872	%	[0.011]	Quant.-FP	FeKa	644.7955
K2O	2.468	%	[0.026]	Quant.-FP	K Ka	30.1223
BaO	1.844	%	[0.016]	Quant.-FP	BaLa	34.2998
P2O5	1.183	%	[0.229]	Quant.-FP	P Ka	0.5471
CaO	1.059	%	[0.012]	Quant.-FP	CaKa	20.1961
TiO2	0.616	%	[0.005]	Quant.-FP	TiKa	23.1643
SO3	0.375	%	[0.076]	Quant.-FP	S Ka	0.5300
SrO	0.175	%	[0.001]	Quant.-FP	SrKa	55.3796
Cr2O3	0.057	%	[0.005]	Quant.-FP	CrKa	3.9034
As2O3	0.016	%	[0.010]	Quant.-FP	AsKb	0.5785
ZnO	0.008	%	[0.001]	Quant.-FP	ZnKa	1.0402
Rb2O	0.005	%	[0.001]	Quant.-FP	RbKa	1.6255
Br	0.004	%	[0.001]	Quant.-FP	BrKa	1.0426
Y2O3	0.003	%	[0.001]	Quant.-FP	Y Ka	0.8805

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Sample : Sample 4 BGF 452 sieve 212

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Intensity	
SiO2	41.500	±	[0.818]	Quant.-FP	SiKa	6.5443
MnO	27.449	±	[0.032]	Quant.-FP	MnKa	2525.8416
Al2O3	17.989	±	[3.843]	Quant.-FP	AlKa	0.4580
Fe2O3	5.855	±	[0.011]	Quant.-FP	FeKa	653.3786
K2O	2.268	±	[0.024]	Quant.-FP	K Ka	26.5618
BaO	1.668	±	[0.014]	Quant.-FP	BaLa	30.0468
CaO	1.149	±	[0.013]	Quant.-FP	CaKa	21.1637
Tb4O7	0.760	±	[0.001]	Quant.-FP	TbLa	31.6197
TiO2	0.569	±	[0.005]	Quant.-FP	TiKa	20.6678
SO3	0.406	±	[0.079]	Quant.-FP	S Ka	0.5545
Pm2O3	0.217	±	[0.013]	Quant.-FP	PmLa	5.8040
SrO	0.140	±	[0.001]	Quant.-FP	SrKa	47.2245
ZnO	0.009	±	[0.001]	Quant.-FP	ZnKa	1.2882
ZrO2	0.009	±	[0.001]	Quant.-FP	ZrKa	2.9048
Rb2O	0.008	±	[0.001]	Quant.-FP	RbKa	2.6692
Y2O3	0.003	±	[0.001]	Quant.-FP	Y Ka	0.9469
Br	0.000	±	[0.001]	Quant.-FP	BrKa	0.1446

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Sample : Sample 3 BGF 452 sieve 425

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Intensity	
SiO2	41.187	±	[0.823]	Quant.-FP	SiKa	6.2704
MnO	27.077	±	[0.032]	Quant.-FP	MnKa	2398.9213
Al2O3	17.532	±	[4.119]	Quant.-FP	AlKa	0.4300
Fe2O3	5.675	±	[0.011]	Quant.-FP	FeKa	605.2227
K2O	2.346	±	[0.025]	Quant.-FP	K Ka	26.2998
BaO	1.615	±	[0.014]	Quant.-FP	BaLa	27.8359
P2O5	1.187	±	[0.231]	Quant.-FP	P Ka	0.5083
CaO	1.077	±	[0.012]	Quant.-FP	CaKa	18.9708
Tb4O7	0.649	±	[0.001]	Quant.-FP	TbLa	25.7789
TiO2	0.568	±	[0.005]	Quant.-FP	TiKa	19.7522
SO3	0.398	±	[0.083]	Quant.-FP	S Ka	0.5200
Nd2O3	0.288	±	[0.010]	Quant.-FP	NdLa	7.0401
Pm2O3	0.220	±	[0.013]	Quant.-FP	PmLa	5.6595
SrO	0.149	±	[0.001]	Quant.-FP	SrKa	48.6200
ZnO	0.010	±	[0.001]	Quant.-FP	ZnKa	1.3535
As2O3	0.007	±	[0.009]	Quant.-FP	AsKb	0.2783
Rb2O	0.007	±	[0.001]	Quant.-FP	RbKa	2.1781
NiO	0.006	±	[0.002]	Quant.-FP	NiKa	0.5599
Y2O3	0.003	±	[0.001]	Quant.-FP	Y Ka	0.9401

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Sample : Sample 2 BGF 452 sieve 600

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Intensity	
SiO2	39.116	\$	[0.820]	Quant.-FP	SiKa	5.4248
MnO	30.891	\$	[0.036]	Quant.-FP	MnKa	2421.1316
Al2O3	14.878	\$	[4.350]	Quant.-FP	AlKa	0.3213
Fe2O3	6.096	\$	[0.011]	Quant.-FP	FeKa	578.2069
K2O	2.464	\$	[0.027]	Quant.-FP	K Ka	25.5620
BaO	1.815	\$	[0.015]	Quant.-FP	BaLa	28.7245
P2O5	1.276	\$	[0.241]	Quant.-FP	P Ka	0.5047
CaO	1.086	\$	[0.012]	Quant.-FP	CaKa	17.6272
Tb4O7	0.889	\$	[0.002]	Quant.-FP	TbLa	31.5161
TiO2	0.626	\$	[0.005]	Quant.-FP	TiKa	20.0153
SO3	0.412	\$	[0.081]	Quant.-FP	S Ka	0.4969
Pm2O3	0.253	\$	[0.013]	Quant.-FP	PmLa	5.7927
SrO	0.176	\$	[0.001]	Quant.-FP	SrKa	48.3785
ZnO	0.011	\$	[0.002]	Quant.-FP	ZnKa	1.2483
Rb2O	0.007	\$	[0.001]	Quant.-FP	RbKa	1.9363
Y2O3	0.004	\$	[0.001]	Quant.-FP	Y Ka	0.9378
Br	0.001	\$	[0.001]	Quant.-FP	BrKa	0.1655

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Sample : Sample 1 BGF 452 sieve 1 mm

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Intensity	
SiO2	34.706	±	[0.766]	Quant.-FP	SiKa	4.3799
MnO	32.859	±	[0.038]	Quant.-FP	MnKa	2400.3208
Al2O3	18.436	±	[4.890]	Quant.-FP	AlKa	0.3718
Fe2O3	5.425	±	[0.011]	Quant.-FP	FeKa	481.9243
K2O	2.788	±	[0.029]	Quant.-FP	K Ka	27.5516
BaO	1.835	±	[0.016]	Quant.-FP	BaLa	27.3056
CaO	1.203	±	[0.013]	Quant.-FP	CaKa	18.4193
P2O5	1.161	±	[0.254]	Quant.-FP	P Ka	0.4367
TiO2	0.627	±	[0.005]	Quant.-FP	TiKa	18.8556
SO3	0.460	±	[0.093]	Quant.-FP	S Ka	0.5284
Pm2O3	0.242	±	[0.015]	Quant.-FP	PmLa	5.1712
SrO	0.193	±	[0.001]	Quant.-FP	SrKa	49.9548
As2O3	0.025	±	[0.011]	Quant.-FP	AsKb	0.7393
ThO2	0.013	±	[0.002]	Quant.-FP	ThLa	1.8320
ZnO	0.013	±	[0.002]	Quant.-FP	ZnKa	1.3416
Rb2O	0.011	±	[0.001]	Quant.-FP	RbKa	2.8394
Y2O3	0.004	±	[0.001]	Quant.-FP	Y Ka	0.9568