

Slag

№	Detectable Oxides	Mass Fraction Measurement Ranges, %	Relative Standard Deviation, %
			LEA-S500
1	Al_2O_3	6.0 - 15.0	4.0 - 1.5
2	SiO_2	28.0 - 44.0	4.0 - 2.0
3	Fe_2O_3	0.3 - 2.0	20.0 - 8.0
4	TiO_2	1.0 - 10.0	5.0 - 2.0
5	MgO	5.0 - 15.0	4.0
6	V_2O_5	0.1 - 0.5	5.0
7	P_2O_5	0.1 - 2.5	7.5 - 5.0
8	MnO	0.2 - 4.0	5.2 - 3.0
9	CaO	28.0 - 40.0	2.0

Note:

1. The following CRM sets (RUSSIA) have been used for construction of calibration curves and RSD determination:

blast-furnace slag CRM 1783-89P;

blast-furnace slag CRM 1894-90P;

blast-furnace slag CRM 1784-89P.