



Beech Ash - Boric Acid Binder

Element	At. No.	Netto	Mass [%]	Mass Norm. [%]	Atom [%]	Comp.	Sto. [%]	Sto. Norm. [%]	abs. error [%] (1 sigma)
O	8	158994	29.60	29.60	50.15		0.00	0.00	2.83
Mg	12	65786	3.19	3.19	3.55	MgO	5.28	5.28	0.15
Si	14	16218	0.56	0.56	0.54	SiO ₂	1.20	1.20	0.04
P	15	67049	2.27	2.27	1.99	P ₂ O ₅	5.20	5.20	0.09
S	16	19259	0.61	0.61	0.52	SO ₃	1.53	1.53	0.04
K	19	380309	12.16	12.16	8.43	K ₂ O	14.65	14.65	0.33
Ca	20	1148150	51.09	51.09	34.56	CaO	71.49	71.49	1.34
Na	11	0	0.00	0.00	0.00	Na ₂ O	0.00	0.00	0.00
Cl	17	1607	0.05	0.05	0.04		0.05	0.05	0.03
Mn	25	2724	0.25	0.25	0.12	MnO	0.32	0.32	0.03
Fe	26	2170	0.22	0.22	0.11	FeO	0.28	0.28	0.03
		Sum	100.00	100.00	100.00		100.00	100.00	