111.4 - Clays (powder form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

	97b	98b	679
Description >>	**Flint Clay**	**Plastic Clay**	**Brick Clay**
Unit of Issue >>	**60 g**	**60 g**	**75 g**

(Concentrations are in mass fractions, in %, unless noted by an asterisk for mg/kg)

Aluminum	20.76	14.30	11.01
Antimony	(2.2)*	(1.6)*	
Barium	(0.018)	(0.07)	0.0432
Calcium	0.0249	0.0759	0.1628
Cerium			(105)*
Cesium	(3.4)*	(16.5)*	(9.6)*
Chromium	227*	119*	109.7*
Cobalt	(3.8)*	(16.3)*	(26)*
Europium	(0.84)*	(1.3)*	(1.9)*
Hafnium	(13)*	(7.2)*	(4.6)*
Iron	0.831	1.18	9.05
Lithium	550*	215*	71.7*
Loss on Ignition	13.3	7.5	
Magnesium	0.113	0.358	0.7552
Manganese	47*	116*	(1730)*
Phosphorus	(0.02)	(0.03)	(0.075)
Potassium	0.513	2.81	2.433
Rubidium	(33)*	(180)*	(190)*
Scandium	(22)*	(22)*	(22.5)*
Silicon	19.81	26.65	24.34
Sodium	0.0492	0.1496	0.1304
Strontium	84*	189*	73.4*
Thorium	(36)*	(21)*	(14)*
Titanium	1.43	0.809	0.577
Zinc	(87)*	(110)*	(150)*
Zirconium	(0.05)	(0.022)	

- Certified values are normal font
- Non-certified or reference values are italicized
- Non-certified values in parentheses are for information only