

## **Portland Cement (Blended with Fly Ash)**

Art. ID	NIST-1881b
Unit	5 vials x 5 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM) is intended primarily for use in validation of chemical and instrumental methods of analysis of cements and materials of similar matrix for elemental content. It can be used to validate value assignment of in-house reference materials. A unit of NIST-1881b consists of five vials, each containing approximately 5 g of cement ground to pass through a 75 µm (No. 200) sieve, and each sealed in a foil pouch. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Al <sub>2</sub> O <sub>3</sub>		8,812	%		
	BaO		0,191	%		
	CaO		49,27	%		
	Chlorine (Cl)	[7782-50-5]	0,0014	%		
	Cr <sub>2</sub> O <sub>3</sub>		0,00949	%		
	Fe <sub>2</sub> O <sub>3</sub>		3,365	%		
	K <sub>2</sub> O		0,721	%		
	MgO	[1309-48-4]	2,741	%		
	Mn <sub>2</sub> O <sub>3</sub>		0,1175	%		
	Na <sub>2</sub> O		0,790	%		
	P <sub>2</sub> O <sub>5</sub>		0,0510	%		
	SO <sub>3</sub>		2,72	%		
	SiO <sub>2</sub>		29,045	%		
	SrO		0,0836	%		
	TiO <sub>2</sub>		0,3011	%		
	ZnO		0,1198	%		