

Portland cement - Constituents

Art. ID	NIST-1885b
Unit	5 vials x 5 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is a Type I-II portland cement intended primarily for the evaluation of methods for analysis of cements and materials of similar matrix. A unit of NIST-1885b consists of five vials, each containing at least 5 g of portland 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
	SiO ₂		20,05	%		
	Al ₂ O ₃		4,7	%		
	Fe ₂ O ₃		3,044	%		
	CaO		61,87	%		
	MgO	[1309-48-4]	3,86	%		
	SO ₃		2,832	%		
	Na ₂ O		0,293	%		
	K ₂ O		0,497	%		
	TiO ₂		0,2361	%		
	P ₂ O ₅		0,0737	%		
	ZnO		0,0354	%		
	Mn ₂ O ₃		0,1282	%		
	Cr ₂ O ₃		0,02709	%		
	SrO		0,0795	%		
	BaO		0,0149	%		