

Portland cement (Blended with Limestone)

Art. ID	NIST-1889b
Unit	5 x 5 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is a portland cement blended with limestone intended primarily for the evaluation of methods for analysis of cements and materials of similar matrix. A unit of SRM 1889b consists of five vials, each containing about 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
Coverage Faktor: 3,18	SiO ₂		18,39 ± 0,21	%		
Coverage Faktor: 4,3	Al ₂ O ₃		5,79 ± 0,21	%		
Coverage Faktor: 4,3	Fe ₂ O ₃		2,891 ± 0,092	%		
Coverage Faktor: 3,18	CaO		60,11 ± 0,95	%		
Coverage Faktor: 4,3	MgO	[1309-48-4]	2,82 ± 0,13	%		
Coverage Faktor: 3,18	SO ₃		4,3721 ± 0,0055	%		
Coverage Faktor: 4,3	Na ₂ O		0,365 ± 0,031	%		
Coverage Faktor: 4,3	K ₂ O		1,115 ± 0,075	%		
Coverage Faktor: 4,3	TiO ₂		0,26 ± 0,011	%		
Coverage Faktor: 4,3	P ₂ O ₅		0,297 ± 0,022	%		
Coverage Faktor: 4,3	Mn ₂ O ₃		0,084 ± 0,0038	%		
Coverage Faktor: 4,3	Cr ₂ O ₃		0,0083 ± 0,0029	%		
Coverage Faktor: 4,3	ZnO		0,077 ± 0,0013	%		
Coverage Faktor: 4,3	SrO		0,284 ± 0,011	%		
Coverage Faktor: 12,7	Chlorine (Cl)	[7782-50-5]	0,0101 ± 0,0012	%		