

## **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 <sub>2</sub>		18,39 ± 0,21	%		
Coverage Faktor: 4,3	Al <sub>2</sub> O <sub>3</sub>		5,79 ± 0,21	%		
Coverage Faktor: 4,3	Fe <sub>2</sub> O <sub>3</sub>		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 <sub>3</sub>		4,3721 ± 0,0055	%		
Coverage Faktor: 4,3	Na <sub>2</sub> O		0,365 ± 0,031	%		
Coverage Faktor: 4,3	K <sub>2</sub> O		1,115 ± 0,075	%		
Coverage Faktor: 4,3	TiO <sub>2</sub>		0,26 ± 0,011	%		
Coverage Faktor: 4,3	P <sub>2</sub> O <sub>5</sub>		0,297 ± 0,022	%		
Coverage Faktor: 4,3	Mn <sub>2</sub> O <sub>3</sub>		0,084 ± 0,0038	%		
Coverage Faktor: 4,3	Cr <sub>2</sub> O <sub>3</sub>		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	%		