

*****sold out*** Calcium aluminate cement (formally orange) - Constituents**

Art. ID	NIST-1882a
Unit	4 x 5 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in evaluating chemical methods of analysis and in the calibration of instrumental methods for analysis of cements and materials of similar matrix. A unit of NIST-1882a consists of four sealed vials, each containing approximately 5 g of calcium aluminate cement. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Al ₂ O ₃		39,14 ± 0,64	%		
Certified Value	CaO		39,29 ± 1,22	%		
Certified Value	Fe ₂ O ₃		14,67 ± 0,40	%		
Certified Value	K ₂ O		0,051 ± 0,014	%		
Certified Value	MgO	[1309-48-4]	0,51 ± 0,02	%		
Certified Value	Na ₂ O		0,021 ± 0,008	%		
Certified Value	SiO ₂		4,01 ± 0,22	%		
Certified Value	TiO ₂		1,786 ± 0,005	%		
Non-Certified Value	Cr ₂ O ₃		0,113 ± 0,001	%		
Non-Certified Value	Mn ₂ O ₃		0,060 ± 0,001	%		
Non-Certified Value	P ₂ O ₅		0,070 ± 0,001	%		
Non-Certified Value	SrO		0,024 ± 0,002	%		
Non-Certified Value	ZnO		0,004 ± 0,001	%		
Informational Value	Loss on Ignition (L.O.I) total at 950 °C		0,49	%		