

**Out of Stock - Item is not available at this time - 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 <sub>2</sub> O <sub>3</sub>		39,14 ± 0,64	%		
Certified Value	CaO		39,29 ± 1,22	%		
Certified Value	Fe <sub>2</sub> O <sub>3</sub>		14,67 ± 0,40	%		
Certified Value	K <sub>2</sub> O		0,051 ± 0,014	%		
Certified Value	MgO	[1309-48-4]	0,51 ± 0,02	%		
Certified Value	Na <sub>2</sub> O		0,021 ± 0,008	%		
Certified Value	SiO <sub>2</sub>		4,01 ± 0,22	%		
Certified Value	TiO <sub>2</sub>		1,786 ± 0,005	%		
Non-Certified Value	Cr <sub>2</sub> O <sub>3</sub>		0,113 ± 0,001	%		
Non-Certified Value	Mn <sub>2</sub> O <sub>3</sub>		0,060 ± 0,001	%		
Non-Certified Value	P <sub>2</sub> O <sub>5</sub>		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	%		