

Linde Type A Zeolite

Art. ID	NIST-8851
Unit	35-40 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Reference Material (RM) is intended to provide a common source of Zeolite A for measurement comparisons. The Zeolite A was donated to the National Institute of Standards and Technology (NIST) by a zeolite-producing Company. A unit consists of approximately 35 g to 40 g of material in a sealed container. Reference and information values derived from chemical, diffraction and particle size measurements are provided. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Reference Values for Major Components of Zeolite A	Sodium (Na)	[7440-23-5]	12,732 ± 0,066	%	XRF, INAA	
Reference Values for Major Components of Zeolite A	Aluminium (Al)	[7429-90-5]	14,766 ± 0,076	%	XRF, INAA	
Reference Values for Major Components of Zeolite A	Silicon (Si)	[7440-21-3]	15,27 ± 0,10	%	XRF, gravimetry	
Reference Values for Major Components of Zeolite A	Silicon (Si)	[7440-21-3]	19,541 ± 0,045	%	gravimetry	
Reference Values for Major Components of Zeolite A	Loss on Ignition (LOI)		21,464 ± 0,085	%	gravimetry	
Reference Values for Major Components of Zeolite A	Loss on fusion (LOF)		22,1 ± 1,7	%	gravimetry	