

## Zeolite Y

Art. ID	NIST-8850
Unit	35-40 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Reference Material (RM) is intended to provide a common source of zeolite Y for measurement comparisons. The zeolite Y 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 Y	Sodium (Na)	[7440-23-5]	7,225 ± 0,094	%	XRF, INAA	
Reference Values for Major Components of Zeolite Y	Aluminium (Al)	[7429-90-5]	8,49 ± 0,11	%	XRF, INAA	
Reference Values for Major Components of Zeolite Y	Silicon (Si)	[7440-21-3]	22,52 ± 0,16	%	XRF, gravimetry	
Reference Values for Major Components of Zeolite Y	Silicon (Si)	[7440-21-3]	30,336 ± 0,054	%	gravimetry	
Reference Values for Major Components of Zeolite Y	Loss on Ignition (LOI)		25,679 ± 0,095	%	gravimetry	
Reference Values for Major Components of Zeolite Y	Loss on fusion (LOF)		25,37 ± 0,67	%	gravimetry	