

Ammonium ZSM-5 Zeolite

Art. ID	NIST-8852
Unit	35-40 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Reference Material (RM) is intended to provide a common source of ZSM-5 zeolite for measurement comparisons. The ammonium ZSM-5 zeolite 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 Ammonium ZSM-5 Zeolite	Aluminium (Al)	[7429-90-5]	1,396 ± 0,015	%	XRF, INAA	
Reference Values for Major Components of Ammonium ZSM-5 Zeolite	Silicon (Si)	[7440-21-3]	41,18 ± 0,34	%	XRF, gravimetry	
Reference Values for Major Components of Ammonium ZSM-5 Zeolite	Silicon (Si)	[7440-21-3]	45,19 ± 0,13	%	gravimetry	
Reference Values for Major Components of Ammonium ZSM-5 Zeolite	Loss on Ignition (LOI)		8,50 ± 0,09	%	gravimetry	
Reference Values for Major Components of Ammonium ZSM-5 Zeolite	Loss on fusion (LOF)		8,47 ± 0,38	%	gravimetry	