

Hydroxylamine hydrochloride, Hi-AR™/ACS

GRM1028


Product Identifier

CAS No.	:	5470-11-1
EC No.	:	226-798-2
Molecular Formula	:	NH ₂ OH.HCl
Molecular Weight	:	69.49
HS Code	:	2825 10 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white hygroscopic crystals or powder or chunks or solid
Solubility	:	100 mg soluble in 1 mL of water
Clarity of alcohol solution	:	Passes test
FTIR	:	Matches with the standard pattern
Melting range	:	~151°C (dec.)
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Sulphur compounds (as SO ₄)	:	<= 0.005%
Ammonium (NH ₄)	:	Passes test
Titration free acid	:	<= 25 meq/g
Residue after ignition	:	<= 0.05%
Assay (NaOH/KMnO ₄ Titration)	:	99.00 - 102.50%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H290- H302+H312- H315- H317- H319- H351- H373- H400
Precautionary Statement(s)	:	P201- P260- P273- P280- P312- P390- P501
UN No.	:	2923
Class	:	8(6.1)
Packing Group	:	III
RTECS	:	NC3675000
WGK	:	3