

Ammonium chloride, Hi-AR[™]/ACS

GRM3885


Product Identifier

CAS No.	:	12125-02-9
EC No.	:	235-186-4
Molecular Formula	:	NH ₄ Cl
Molecular Weight	:	53.49
HS Code	:	2827 10 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to almost white hygroscopic crystals or powder or chunks or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	4.50 - 5.50
Magnesium (Mg)	:	<= 0.0005%
Calcium (Ca)	:	<= 0.001%
Heavy metals	:	<= 0.0005%
Iron (Fe)	:	<= 0.0002%
Sulphate (SO ₄)	:	<= 0.002%
Residue after ignition	:	<= 0.01%
Phosphate (PO ₄)	:	<= 0.0002%
Insoluble matter	:	<= 0.005%
Assay (AT)	:	>= 99.50%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H319
Precautionary Statement(s)	:	P270- P280- P301 + P312- P305+P351+P338- P337 + P313- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	BP4550000
WGK	:	1