

Ammonium molybdate tetrahydrate, Hi-AR™/ACS

GRM1018


Product Identifier

CAS No.	:	12054-85-2
EC No.	:	234-320-9
Molecular Formula	:	(NH ₄) ₆ Mo ₇ O ₂₄ ·4H ₂ O
Molecular Weight	:	1235.86
HS Code	:	2841 70 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white crystals or powder or solid, sometimes with a slight green or yellow tint
Solubility	:	33.3 mg soluble in 1 mL of water
Chloride (Cl)	:	<= 0.002%
Heavy metals	:	<= 0.001%
Nitrate (NO ₃)	:	Passes test
Phosphate (PO ₄)	:	<= 0.0005%
Magnesium (Mg)	:	<= 0.005%
Potassium (K)	:	<= 0.01%
Sodium (Na)	:	<= 0.01%
Sulfate (SO ₄)	:	<= 0.02%
Water insoluble matter	:	<= 0.005%
Arsenate, Phosphate and Silicate (PO ₄)	:	<= 0.001%
Assay (Lead nitrate Titration)	:	99.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	QA5076000
WGK	:	1