

dodeca-Molybdophosphoric acid, Hi-ARTM/ACS

GRM629


Product Identifier

CAS No.	:	51429-74- 4 (For hydrate)
EC No.	:	234-713-5
Molecular Formula	:	H ₃ PO ₄ .12MoO ₃ .24H ₂ O
Molecular Weight	:	2257.60
Synonym	:	Phosphomolybdic acid, Hi-AR TM /ACS
HS Code	:	2811 19 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Yellow to yellow with an orange cast crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
Chloride (Cl)	:	<= 0.02%
Calcium (Ca)	:	<= 0.005%
Copper (Cu)	:	<= 0.001%
Ammonium (NH ₄)	:	<= 0.005%
Lead (Pb)	:	<= 0.003%
Iron (Fe)	:	<= 0.005%
Sulfate (SO ₄)	:	<= 0.025%
Water insoluble matter	:	<= 0.01%
Assay (Mo, Lead nitrate Titration)	:	min. 51.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H272- H314
Precautionary Statement(s)	:	P210- P260- P280- P305+P351+P338- P310- P370 + P378
UN No.	:	3084
Class	:	8 (5.1)
Packing Group	:	II
WGK	:	1