

## Molybdenum trioxide, Hi-AR™/ACS

**GRM2920**


### Product Identifier

CAS No.	:	1313-27-5
EC No.	:	215-204-7
Molecular Formula	:	MoO <sub>3</sub>
Molecular Weight	:	143.94
HS Code	:	2825 70 10
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White to slightly yellow to green or grey crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of dilute sodium hydroxide solution
Ammonium (NH <sub>4</sub> )	:	<= 0.002%
Chloride (Cl)	:	<= 0.002%
Arsenate, phosphate and silicate (as SiO <sub>2</sub> )	:	<= 0.001%
Heavy metals (as Pb)	:	<=0.005%
Nitrate (NO <sub>3</sub> )	:	Passes test
Phosphate (PO <sub>4</sub> )	:	<= 0.0005%
Insoluble in dilute ammonium hydroxide	:	<= 0.01%
Sulfate (SO <sub>4</sub> )	:	<= 0.02%
Assay (Lead nitrate Titration)	:	min. 99.50%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319- H335- H351
Precautionary Statement(s)	:	P261- P281- P305+P351+P338
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	QA4725000
WGK	:	3