



82322

Phosphomolybdic Acid extrapure AR, ACS, 99%

Part A

CAS : 51429-74-4

Molecular Formula : $H_3[P(Mo_3O_{10})_4] \cdot xH_2O$

Molecular Weight : 1825.25

Specifications

Appearance (Colour)	Yellow
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Yellow
Insoluble matter	max. 0.01%
Chloride (Cl)	max. 0.02%
Sulphate (SO ₄)	max. 0.025%
Iron (Fe)	max. 0.005%
Calcium (Ca)	max. 0.02%
Ammonium (NH ₄)	max. 0.01%
Heavy Metals (Pb)	max 0.005%

Other Information

Notes

It is used as a reagent in thin layer chromatography (TLC) for staining phenolics, hydrocarbon waxes, alkaloids and steroids. It is freely soluble in water and polar organic solvents such as ethanol.

Conjugated, unsaturated compounds reduce PMA to molybdenum blue. The color intensifies with increasing number of double bonds in the molecule being stained.

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	UN No.:3085 , IMCO Class No.:5.1(8) , Packing Group:II
HSN Code	
100 Gms	28111990 (GST 18%)
25 Gms	28111990 (GST 18%)
500 Gms	28111990 (GST 18%)

Type of Packing

100 Gms

Glass Bottle

Available Packages

25 Gms

100 Gms

500 Gms

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
