

4095 – MOLYBDIC ACID (HYDRATE), AR GRADE

REF NO: TBL/QA/SS/LC/4095	STANDARD SPECIFICATION FOR MOLYBDIC ACID (HYDRATE), AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 4095

PRODUCT PROPERTIES

C.A.S Number	7782-91-4
Chemical Formula	H ₂ MoO ₄
Formula weight	161.95
Functional Uses	Molybdic acid is used to make the Froehde reagent for the presumptive identification of alkaloids.
Standard Packaging	100 gm. & 500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Soluble only in ammonia solution.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.002%
Sulphate (SO ₄)	NMT – 0.005%
Nitrate (NO ₃)	NMT – 0.003%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

