

TMB 011 – AMMONIUM MOLYBDATE (Tetra)

REF NO: TBL/QA/SS/LC/TMB 011	STANDARD SPECIFICATION FOR AMMONIUM CHLORIDE	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 011

PRODUCT PROPERTIES

C.A.S Number	12054-85-2
Chemical Formula	(NH ₄) Mo ₇ O ₂₄ ·4H ₂ O
Formula weight	1235.86
Functional Uses	Ammonium molybdate tetrahydrate may be used as a precursor in the generation of calcium molybdate (CaMoO ₄) spherulites
Standard Packaging	100gm. & 500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.001%
Sulphate (SO ₄)	NMT – 0.005%
Heavy metal (Pb)	NMT - 0.0005%
Iron (Fe)	NMT – 0.0005%
Phosphate Silicate Arsiniate (as PO ₄)	NMT – 0.001%
DNases/ RNases	None Detected
Assay	NLT – 99.5%

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

