

## 245– AMMONIUM MOLYBDATE (TETRAHYDRATE), EXTRA PURE

REF NO: TBL/QA/SS/LC/245	STANDARD SPECIFICATION FOR AMMONIUM MOLYBDATE (TETRA), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 245

### PRODUCT PROPERTIES

C.A.S Number	12054-85-2
Chemical Formula	$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}\cdot 4\text{H}_2\text{O}$
Formula weight	1235.86
Functional Uses	Ammonium Molybdate (Tetrahydrate) is used as an analytical reagent.
Standard Packaging	100 gm, 500 gm & 25 Kg.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.001%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Heavy metal (Pb)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Phosphate Silicate Arsiniate (as PO <sub>4</sub> )	NMT – 0.001%
Assay	NLT – 99.0%

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