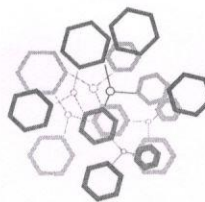


**SISCO CHEM**

Laboratory Chemicals & Reagents

CIN No: U24110MH1998PTC114594
ISO 9001:2015 Certified company**CERTIFICATE OF ANALYSIS**

Product Name	AMMONIUM MOLYBDATE TETRAHYDRATE	$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$	
Synonyms	Ammonium heptamolybdate tertahydrate		
Grade	AR		
CAS NO.	12054-85-2		
Molecular Formula	$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$		
Molecular weight	1235.86		
Batch No.	P2509/S502	Date of Analysis	Sep 2025
Code No.	0650	Date of Retest	Aug 2030

Sr.	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder.
2	Assay	Min 99%	99.79%
3	pH value	5 -5.5	5.40
4	Melting point	89 - 91 °C	90°C
5	Sulphate (SO ₄)	Max 0.02%	0.018 %
6	Chloride (Cl)	Max 0.002%	0.002%
7	Phosphate, arsenate, silicate (as PO ₄)	Max 0.001%	0.0005%
8	Phosphate (PO ₄)	Max 0.0005%	0.0005%
9	Potassium (K)	Max 0.01%	0.000013%
10	Sodium (Na)	Max 0.01%	0.000058%

The submitted sample complies with the prescribed standards of quality.
Chemist by
Q.C. Incharge