

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Molybdate Tetrahydrate 99.3% AR/ACS, Confirm to USP

Catalog Number : O-5026

Batch Number : 5026-00000000

CAS Number : 12054-85-2

Molecular Weight : 1235.86 g/mol

Mol. Formula : $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay	99.3 - 108.8 %	100.72%
3	Assay (as MoO_3)	81 - 83 %	82.11%
4	Identity	to pass as per USP	complies
5	Insoluble matter	max 0.005 %	0.0021%
6	Chloride (Cl)	max 0.002 %	0.0005%
7	Arsenate,phosphate,silicate (PO_4)	max 0.001 %	0.0003%
8	Nitrate (NO_3)	passes test	passes
9	Phosphate (PO_4)	max 0.0005 %	0.00015%
10	Heavy metals (as Pb)	max 0.001 %	0.0007%
11	Magnesium (Mg)	max 0.005 %	0.003%
12	Sodium (Na)	max 0.01 %	0.001%
13	Potassium (K)	max 0.01 %	0.005%
14	Sulphate (SO_4)	max 0.02 %	0.004%
15	Magnesium & alkali salts	max 0.02 %	0.003%

Corresponds to AR/ACS, Confirm to USP Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC