

Certificate of Analysis

Ammonium Molybdate Tetrahydrate, ACS Reagent Grade

Lot Number: 1403G12

Product Number: RDCA0450

Date Packaged: MAR 11, 2024

Recommended Retest Date: JUL 2026

Contains

 $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ CAS No. 12054-85-2 MW 1236.00

Test	Specification	Result
Arsenate, Phosphate, and Silicate (as SiO_2)	max 0.001 %	< 0.001 %
Assay	81.0-83.0 % as MoO_3	81.3 % as MoO_3
Chloride (Cl)	max 0.002 %	< 0.002 %
Heavy Metals (as Pb)	max 0.001 %	< 0.001 %
Insoluble Matter	max 0.005 %	0.004 %
Magnesium (Mg)	max 0.005 %	< 0.005 %
Nitrate (NO_3)	To Pass Test	Passed
Phosphate (PO_4)	max 5 ppm	< 5 ppm
Potassium (K)	max 0.01 %	< 0.01 %
Sodium (Na)	max 0.01 %	< 0.01 %
Sulfate (SO_4)	max 0.02 %	< 0.02 %

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type
RDCA0450-500B1	500 g poly

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Heidi J Green (03/11/2024)

Operations Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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