

**CERTIFICATE OF ANALYSIS**

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number 42331  
Lot Number B0158245  
Description AMMONIUM MOLYBDATE TETRAHYDRATE, ACS  
CAS Number 12054-85-2  
Quality Test/Release Date 24/Jan/2026  
Suggested retest date 30/Nov/2030  
Country of Origin United States

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Colorless to white crystals.
ARSENIC, PHOSPHATE & SILICATE	%	<= 0.001	<0.001
ASSAY	%	Inclusive Between 81.0 - 83.0	81.4
CHLORIDE	%	<= 0.002	<0.002
HEAVY METALS (as Pb)	%	<= 0.001	<0.001
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER	%	<= 0.005	<0.005
MAGNESIUM	%	<= 0.005	<0.005
NITRATE (NO3)	PASS/FAIL	= PASS TEST	PASS TEST
PHOSPHATE (PO4)	ppm	<= 5	<5
POTASSIUM (K)	%	<= 0.01	<0.01
SODIUM (Na)	%	<= 0.01	<0.01
SULFATE (SO4)	%	<= 0.02	<0.02



Harout Sahagian  
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.