

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	A676
Lot Number	261566
Description	AMMONIUM NITRATE, A.C.S. Grade
CAS Number	6484-52-2
Quality Test/Release Date	14/May/2026
Suggested retest date	31/Mar/2031
Country of Origin	Mexico
Declaration of Origin	Inorganic Synthetic Non Animal
BSE/TSE	BSE/TSE free.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Hygroscopic solid
ASSAY	%	>= 95.0	99.0
CHLORIDE	ppm	<= 5	<5
HEAVY METALS BY ICP-OES	ppm	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IGNITION RESIDUE	%	<= 0.01	0.01
INSOLUBLE MATTER	%	<= 0.005	0.002
IRON (Fe)	ppm	<= 2	<2
NITRITE (NO2)	PASS/FAIL	= PASS TEST	PASS TEST
PH 5% SOLUTION @ 25 DEG C		Inclusive Between 4.5 - 6.0	4.9
PHOSPHATE (PO4)	ppm	<= 5	<5
SULFATE (SO4)	%	<= 0.002	<0.002



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.