

## Certificate of Analysis

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

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	A685	Quality Test / Release Date	01/13/2025
Lot Number	243349		
Description	AMMONIUM PHOSPHATE, MONOBASIC, H.P.L.C. ACS GRADE		
Country of Origin	India	Suggested Retest Date	Dec/2026

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Colorless to white solid
ASSAY	%	>= 98.0	98
CALCIUM (Ca)	%	<= 0.001	<0.001
CHLORIDE	ppm	<= 5	<5
HEAVY METALS (as Pb)	ppm	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER	%	<= 0.005	0.001
IRON (Fe)	%	<= 0.001	<0.001
MAGNESIUM	%	<= 0.0005	<0.0005
NITRATE (NO3)	%	<= 0.001	<0.001
OPTICAL ABSORBANCE	PASS/FAIL	= PASS TEST	PASS TEST
PH 5% SOLUTION @ 25 DEG C		Inclusive Between 3.8 - 4.4	3.9
POTASSIUM (K)	%	<= 0.005	<0.0050
SODIUM (Na)	%	<= 0.005	0.001
SULFATE (SO4)	%	<= 0.01	<0.01



Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.