

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 – 0120632

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	A639	Quality Test / Release Date	04/20/2022
Lot Number	221416		
Description	AMMONIUM ACETATE, HPLC GRADE		
Country of Origin	United States	Suggested Retest Date	Feb/2027
Chemical Origin	Organic - non animal		
BSE/TSE Comment	This chemical is manufactured without the use of raw materials of animal or human origin; therefore, there should be no issue with BSE or TSE.		
Comment	The manufacturing location for this chemical does not use genetically modified or animal derived products, melamine, or sudan red in any manufacturing operations at this location.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystals.
ASSAY	%	>= 97	99.2
CHLORIDE	ppm	<= 5	<5
FILTRATION TEST	PASS/FAIL	= PASS TEST	PASS TEST
HEAVY METALS (as Pb)	ppm	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IGNITION RESIDUE	%	<= 0.01	<0.01
INSOLUBLE MATTER	%	<= 0.005	<0.005
IRON (Fe)	ppm	<= 5	<5
NITRATE (NO3)	%	<= 0.001	<0.001
OPTICAL ABSORBANCE	PASS/FAIL	= PASS TEST	PASS TEST
PH 5% SOLUTION @ 25 DEG C		Inclusive Between 6.7 - 7.3	7.0
SULFATE (SO4)	%	<= 0.001	<0.001



Ira Marootian - 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.