



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 42458 Lot Number B0157018

Description UREA, REAGENT ACS

CAS Number 57-13-6
Quality Test/Release Date 16/May/2025
Suggested retest date 23/Apr/2030
Country of Origin United States
Declaration of Origin Organic - non animal

No animal products are used as starting raw material ingredients, or used in

BSE/TSE processing, including lubricants, processing aids, or any other material that might

migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Colorless to white crystals, prills or crystalline powder
ASSAY	%	Inclusive Between 99.0 - 100.5	99.6
CHLORIDE	ppm	<= 5	<5
HEAVY METALS BY ICP-OES	%	<= 0.001	<0.001
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER	%	<= 0.01	0.001
IRON (Fe)	ppm	<= 10	<10
MELTING POINT	DEGREES CELSIUS	Inclusive Between 132 - 135	132
RESIDUE AFTER IGNITION	%	<= 0.01	0.005
SULFATE (SO4)	ppm	<= 10	<10

Harout Sahagian QC Manager

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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.