

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	U16
Lot Number	252123
Description	UREA, USP
CAS Number	57-13-6
Quality Test/Release Date	24/Jun/2025
Suggested retest date	30/Nov/2027
Country of Origin	Ukraine
Declaration of Origin	Organic - synthetic
BSE/TSE	This product is manufactured by chemical synthesis and is considered to be BSE/TSE free.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Colorless/white crystals, prills or crystalline powder.
N/A - UREA RELATED COMPOUND A	%	<= 0.1	<0.1
USP Grade - ALCOHOL INSOLUBLE MATTER	%	<= 0.04	<0.04
USP Grade - ASSAY	%	Inclusive Between 98.0 - 102.0	98.8
USP Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - IGNITION RESIDUE	%	<= 0.1	<0.1
USP Grade - RESIDUAL SOLVENTS	Meets Requirements	= MEETS REQUIREMENTS	MEETS REQUIREMENTS
USP Grade - USP INDIVIDUAL IMPURITY	%	<= 0.1	<0.1
USP Grade - USP TOTAL IMPURITY	%	<= 2.0	<2.0

Additional Information To the best of our knowledge, Urea is not in contact with melamine during manufacturing, processing, handling or storage. Therefore, we have not developed any specific anti-melamine controls beyond normal due diligence.



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.