

Certificate of Analysis



SCIENTIFIC

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UREA

PRODUCT NUMBER

IB72060 _____ 500gm
IB72064 _____ 2.5Kg

LOT NO.

Lot# _____ 20K3005

STORAGE

Store at room temperature. Protect from moisture.

CAS NO.

CAS# _____ 57-13-6

SPECIFICATIONS

	Specification	Analysis	Disposition
Assay (USP)	98.0 - 102.0%	99.3%	PASS
Assay (JP)	Min. 99.0%	99.8%	PASS
Melting Point (JP)	132.5 - 134.5°C	133.8°C	PASS
Residue on Ignition	Max. 0.1%	< 0.01%	PASS
Alcohol-Insoluble Matter	Max. 0.04%	< 0.04%	PASS
Chloride	Max. 0.007%	< 0.007%	PASS
Sulfate	Max. 0.010%	< 0.010%	PASS
Heavy Metals (JP)	Max. 20ppm	< 10ppm	PASS
Urea Related Compound A	Max. 0.1%	< 0.1%	PASS
Individual Impurity	Max. 0.1%	< 0.1%	PASS
Total Impurities	Max. 2.0%	< 2.0%	PASS
Identification (A)	Spectrum Match Refer.	Spectrum Match Refer.	PASS
Identification (B)	Retention Time Match	Retention Time Match	PASS
Identification (C)	Red Purple Color Develops	Red Purple Color Develops	PASS
Identification (D)	White Precipitate	White Precipitate Forms	PASS
Appearance	White Crystals	Visual Inspection	PASS

DATE OF

Manufacture Date: _____ 11/16/18

Expiration Date: _____ 11/2023

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks
Quality Control

11/23/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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