



MP Biomedicals, LLC

29525 Fountain Parkway

Solon OH 44139

United States

800.854.0530

www.mpbio.com

Certificate of Analysis

Description: Urea, ultra pure

Catalog number: 04821530

QI Request No: N/A

Related Catalog number: 04821527 04809253 04821513 04821514 04821518 04821519 04821527B 04821528 04821531 04821532 04821533 04821534 04821535 04821858

Lot number: YD10017

Quality Level: N/A

Recommended Retest Date (MM/DD/YYYY): 03-23-2025

Formula: CH₄N₂O

Formula Weight: 60.06

CAS #: 57-13-6

Storage: 15 - 30°C

Storage Conditions: desiccate

Additional Product information

Additional Lot Information

Test Description	Specification	Result	Comments
Identity	PASS	PASS	
Purity	>=99%	99.6%	
Melting Point	130 - 140°C	133.1 - 135.7°C	
FTIR	Conforms to Standard	Conforms to Standard	
Physical Description	White Crystalline Powder	White Crystalline Powder	
pH (7M aq soln)	7.5 - 9.5	9.2	
OD260 (7M aq soln)	<=0.05	0.02	
OD280 (7M aq soln)	<=0.05	0.01	
Conductivity	<=100 uMhos	67.8 uMhos	
Copper	<=1ppm	=1ppm	
Lead	<=1ppm	=1ppm	
Iron	<=1ppm	=1ppm	
Cyanate	None Detected	None Detected	
RNase	Negative	Negative	
DNase	Negative	Negative	
Protease	Negative	Negative	

10-12-2023 Lily Liu

MP Biomedicals, LLC.

This is an electronically generated document

Mail to: biotech@mpbio.com