



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 04821518 04821519 04821527B 04821528 04821531 04821532 04821533 04821534 04821535 04821858	
Lot number: CE04074	Quality Level: N/A
Recommended Retest Date (MM/DD/YYYY): 03-20-2026	

Formula: CH ₄ N ₂ O	Formula Weight: 60.06
CAS #: 57-13-6	Storage: 15 - 30°C
	Storage Conditions: N/A

Additional Product information	Additional Lot Information
---------------------------------------	-----------------------------------

Test Description	Specification	Result	Comments
Identity	PASS	PASS	
Purity	>=99%	99.1%	
Melting Point	130 - 140°C	132.9 - 138.4°C	
FTIR	Conforms to Standard	Conforms to Standard	
Physical Description	White Prills	PASS	White Crystalline Powder
pH (7M aq soln)	7.5 - 9.5	7.9	
OD260 (7M aq soln)	<=0.05	0.038	
OD280 (7M aq soln)	<=0.05	0.030	
Conductivity	<=100 uMhos	50.4 uMhos	
Copper	<=1ppm	<=1ppm	
Lead	<=1ppm	<=1ppm	
Iron	<=1ppm	<=1ppm	
Cyanate	None Detected	None Detected	
RNase	Negative	Negative	
DNase	Negative	Negative	
Protease	Negative	Negative	

Julie Ma

05-17-2024 Julie Ma
MP Biomedicals, LLC.

This is an electronically generated document
Mail to: biotech@mpbio.com