



MP Biomedicals, LLC

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United States

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Certificate of Analysis

Description: Guanidine Hydrochloride, ultra pure

Catalog number: 04820539

QI Request No: N/A

Related Catalog number: 04820512 04820540 04820539B

Lot number: YD08035

Quality Level: N/A

Recommended Retest Date (MM/DD/YYYY): 08-03-2025

Formula: CH₅N₃ • HCl

Formula Weight: 95.53

CAS #: 50-01-1

Storage: 15 - 30°C

Storage Conditions: desiccate

Additional Product information

Additional Lot Information

Test Description	Specification	Result	Comments
Identity	PASS	PASS	
Purity	>=99%	99.65%	
Melting Point	180 - 190°C	183.5 - 186.2°C	
FTIR	Conforms to Standard	Conforms to Standard	
OD260 (6.0 M aq soln)	<=0.03	0.024	
Loss on Drying	<=1%	0.21%	
Solubility (6 M aq soln)	Clear, Colorless Solution	Clear, Colorless Solution	
Physical Description	White Crystalline Powder	White Crystalline Powder	
pH (6.0 M aq soln)	4 - 6	4.1	

08-25-2023 Lily Liu

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