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Certificate of Analysis

Product Description: Glycine Ethyl Ester Hydrochloride
Catalog Number: 101829
Lot: QR11075

Formula: C₄H₉NO₂·HCl
CAS #: 623-33-6
Physical Description: White Powder

Formula Weight: 139.6
Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	≥99%	99.13%
Melting Point	143 - 147°C	143°C
FTIR	Conforms to Standard	Conforms to Standard
pH (5%, H ₂ O)	2.0 - 3.0	2.6
Solubility (5%, H ₂ O)	Clear, Colorless Solution	Clear, Colorless Solution

Heavy Metals: <0.001%
Iron: 0.0005%
Glycine Hydrochloride Acid: 0.45%
Loss on Drying: 0.12%
Recommended retest date:09/03/2018



09/10/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)