

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Triethanolamine Hydrochloride_

Catalog Number: 103109_

Lot: 3349J_

Formula: $C_6H_{15}NO_3 \cdot HCl$

CAS #: 637-39-8

Physical Description: White Powder

Formula Weight: 185.65

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.42%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	175 - 182°C	176.0 - 179.5°C
pH (1% aq soln)	4.0 - 5.5	4.6

Loss on Drying: 0.21%

08/31/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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