



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate, molecular biology reagent
Catalog Number: 194822_
Lot: MR28531_

Formula: C₁₀H₁₄N₂O₈Na₂·2H₂O
CAS #: 6381-92-6
Physical Description: White Powder

Formula Weight: 372.2
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	100.8%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	238 - 248°C	238.9 - 241.5°C
pH (1% aq soln)	4 - 6	4.5
Loss on Drying	≤10%	1.27%

Chelation Value: 271.0 mg CaCO
Heavy Metals: 5.0 ppm

07/11/2011 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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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)