

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate.

Catalog Number: 195173.

Lot: 2261H.

Formula: $C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$

CAS #: 6381-92-6

Physical Description: White Crystalline Powder

Formula Weight: 372.24

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	99.5%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	238 - 248°C	243.6-244.4°C
pH (1% aq soln)	4 - 6	4.59
Moisture	$\leq 10\%$	6.02%

Purity 99.5%

Reaction of Aqueous Solution - up to standard

Chloride 0.005%

Sulphate 0.1% max

Heavy Metals 0.005% max

Fe 0.005% max


01/27/2004 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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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)

