

Certificate of Analysis

Product Description: Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate_
Catalog Number: EDTA0500; EDTA01KG_
Lot: R27527_

Formula: C₁₀H₁₄N₂O₈Na₂·2H₂O

CAS #: 6381-92-6

Physical Description: White Crystalline Powder

Formula Weight: 372.24

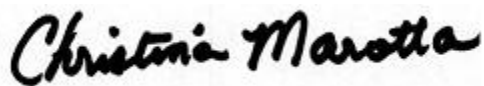
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	100.2%
Loss on Drying	≤10%	3.94%
A260 (0.1M aq soln)	≤0.2	0.189
A280 (0.1M aq soln)	≤0.05	0.023
Heavy Metals (as Pb)	≤0.001%	5.0 ppm
Iron	≤0.01%	<0.00499%
RNase, DNase and Protease free	Passes	Passes
pH (5% aq soln, 20°C)	4.5 ± 0.5	4.4

FTIR: Conforms to Standard

Melting Point: 242 - 246°C

Chelation value (CaCV) : 269.3 mg CACO



12/13/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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