

Certificate of Analysis

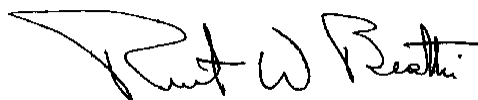
Product Description: Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate_
Catalog Number: EDTA0500; EDTA01KG_
Lot: R26117_

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

Formula Weight: 372.24
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	100.8%
Loss on Drying	≤10%	1.27%
A260 (0.1M aq soln)	≤0.2	0.121
A280 (0.1M aq soln)	≤0.05	0.018
Heavy Metals (as Pb)	≤0.001%	5.0 ppm
Iron	≤0.01%	Passes
RNase, DNase and Protease free	Passes	Passes
pH (5% aq soln, 20°C)	4.5 ± 0.5	4.5

FTIR: Conforms to Standard
Melting Point: 238.9 - 241.5°C
Chelation Value: 271.0 mg CaCO



12/17/2009 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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