

Certificate of Analysis

Product Description: Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate_
Catalog Number: EDTA0500; EDTA01KG_
Lot: R19792_

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%	100.1%
LOD	< 10%	0.53%
A260 (0.1M, water)	,0.02	Passes
A280 (0.1M, water)	<0.05	Passes
Heavy metals (as Pb)	<0.001%	0.0005%
Iron	<0.01%	Passes
RNase, DNase and Protease free	Passes	Passes

Chelation 269 mgCACO

Purity: 100.1%

FTIR: Conforms to Standard

Melting Point: 246.4-247.7°C

pH (1% aq soln) : 4.6


05/02/2005 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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