

Certificate of Analysis

Product Description: Ethylenediamine Tetraacetic Acid Disodium Salt Dihydrate, molecular biology reagent

Catalog Number: 194822

Lot: CC12005

Formula : C₁₀H₁₄N₂O₈Na₂ · 2H₂O

CAS #: 6381-92-6

Physical Description: White Crystalline Powder

Formula Weight: 372.2

Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	>99%	99.2%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	238 - 248°C	240.38 - 243.01°C
pH (1% aq soln)	4 - 6	4.658
Loss on Drying	<10%	2.03%

Chloride (Cl): 0.003%

Sulfate (SO₄): 0.015%

Iron (Fe): 0.0001%

pH (5% aq soln): 4.36

Chelating Value: 266

Recommended Retest Date(MM/DD/YYYY): 09/10/2023



12/19/2022 - Lily Liu

MP Biomedicals, LLC.

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