

Certificate of Analysis

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

Catalog Number: 194822

Lot: CR220901

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

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%	101.87%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	238 - 248°C	241.23 - 243.97°C
pH (1% aq soln)	4 - 6	4.54
Loss on Drying	<10%	1.48%

pH (5% aq soln): 4.45

Iron (Fe): 0.0001%

Lead (Pb): 0.0001%

Sulfate (SO₄): 0.015%

Chloride (Cl): 0.003%

Chelating Value: 266

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



09/02/2022 - Lily Liu

MP Biomedicals, LLC.

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<mailto:biotech@mpbio.com>

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