

Certificate of Analysis

Date of Testing: 2023-07-31 16:44:52
Date of Next Testing: 2025-07-20 16:44:52
Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**
CAS Number: 6381-92-6
Specifications & Purity: for electrophoresis, for molecular biology, 99%
Lot #: G2320697
SKU #: **E118595**
Analysis: **196248**

| Parameter | Limit Values | Result |
|------------------------------------|-------------------------------|-------------------------------|
| Lead(Pb) | 0-0.002 (%) | 0.00 % |
| Purity Titration by EDTA | 99-101 (%) | 99.73 % |
| Iron(Fe) | 0-0.005 (%) | 0.00 % |
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Nitrilotriacetic acid[(HOCOCH2)3N] | 0-0.1 (%) | 0.05 % |
| Appearance (E118595) | White powder | White powder |
| DNases,RNases, | none detected | none detected |
| Electrophoresis test | pass | Pass |
| phosphatases | none detected | none detected |
| proteases | none detected | none detected |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in 3 M NaOH | Colorless Clear,16 g + 100 mL | Colorless Clear,16 g + 100 mL |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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