

## Certificate of Analysis

Date of Testing: 2025-05-30 18:59:01

Date of Next Testing: 2029-05-29 18:59:01

Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**

CAS Number: 6381-92-6

Specifications & Purity: AR, ≥98%

Lot #: E2527485

SKU #: **E116428**

Version: **2**

Analysis #: **515394**

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.02 (%)            | 0.00 %                |
| Heavy metal (as Pb)                     | 0-0.001 (%)           | 0.00 %                |
| Iron(Fe)                                | 0-0.001 (%)           | 0.00 %                |
| Chloride(Cl <sup>-</sup> )              | 0-0.005 (%)           | 0.00 %                |
| Assay                                   | 98-102.5 (%)          | 99.93 %               |
| Proton NMR spectrum                     | Conforms to Structure | Conforms to Structure |
| Clarity of solution                     | pass                  | Pass                  |
| Solubility in Water                     | Pass                  | Pass                  |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



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