

## Certificate of Analysis

Date of Testing: 2025-01-10 14:07:40

Date of Next Testing: 2026-12-31 14:07:40

Product Name: **Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid**

CAS Number: 67-42-5

Specifications & Purity: for molecular biology, ≥99%

Lot #: A2509384

SKU #: **E104434**

Version: **3**

Analysis #: **454553**

| Parameter                                           | Limit Values          | Result                |
|-----------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                               | 0-1 (%)               | 0.06 %                |
| Melting point                                       | 240-244 (°C)          | 243.95000 °C          |
| Purity (T)                                          | 99-100 (%)            | 99.75 %               |
| Appearance (E104434)                                | white powder          | White powder          |
| DNases                                              | none detected         | none detected         |
| proteases                                           | none detected         | none detected         |
| RNases                                              | none detected         | none detected         |
| Solubility( 0.1g in 15mL0.1M NaOH,Clear, colorless) | pass                  | Pass                  |
| Infrared spectrum                                   | Conforms to Structure | Conforms to Structure |



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QA & QC Manager