

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-17 10:18:16
Date of Next Testing: 2025-05-06 10:18:16
Product Name: **Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid**
CAS Number: 67-42-5
Specifications & Purity: for molecular biology, $\geq 99.0\%$
Lot #: E2310064
SKU #: **E104434**
Analysis: **041328**

| Parameter | Limit Values | Result |
|-------------------------------|--|--|
| Sulfate(SO42-) | 0-50 (ppm) | 0.55 ppm |
| Ignition Residue (as sulfate) | 0-0.05 (%) | 0.01 % |
| Purity (T) | 99-100 (%) | 99.16 % |
| Water by Karl Fischer | 0-1 (%) | 0.17 % |
| Melting point | 240-244 (°C) | 243.99000 °C |
| Appearance (E104434) | white powder | White powder |
| DNases | none detected | none detected |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| proteases | none detected | none detected |
| RNases | none detected | none detected |
| Solubility 0.1 M NaOH | soluble 0.1 M at 20 °C, Clear, colorless | soluble 0.1 M at 20 °C, Clear, colorless |



John Su
QA & QC Manager