

Certificate of Analysis

Date of Testing: 2023-05-31 16:48:28
Date of Next Testing: 2025-05-20 16:48:28
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 #: E2327638
SKU #: **E104434**
Analysis: **096857**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-50 (ppm)	23.80 ppm
Melting point	240-244 (°C)	242.40000 °C
Ignition Residue (as sulfate)	0-0.05 (%)	0.03 %
Purity (T)	99-100 (%)	99.78 %
Water by Karl Fischer	0-1 (%)	0.49 %
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
Solubility0.1 M NaOH	soluble0.1 M at 20 °C, Clear, colorless	soluble0.1 M at 20 °C, Clear, colorless



John Su
QA & QC Manager