

Certificate of Analysis

Date of Testing: 2023-11-09 17:16:28
Date of Next Testing: 2025-10-29 17:16:28
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 #: K2303268
SKU #: **E104434**
Analysis: **282382**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-50 (ppm)	12.36 ppm
Ignition Residue (as sulfate)	0-0.05 (%)	0.03 %
Water by Karl Fischer	0-1 (%)	0.19 %
Purity (T)	99-100 (%)	99.74 %
Melting point	240-244 (°C)	243.93000 °C
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



John Su
QA & QC Manager