

## Certificate of Analysis

Date of Testing: 2023-04-14 17:38:33  
Date of Next Testing: 2027-04-13 17:38:33  
Product Name: **Ethylenediaminetetraacetic acid**  
CAS Number: 60-00-4  
Specifications & Purity: ACS  
Lot #: D23081111  
SKU #: **E112486**  
Analysis: **114511**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Insoluble in dilute ammonium hydroxide	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Ignition Residue	0-0.2 (%)	0.00 %
Purity(Titration)	99.4-100.6 (%)	99.41 %
Nitrilotriacetic acid[(HOCOCH <sub>2</sub> ) <sub>3</sub> N]	0-0.1 (%)	0.09 %
Appearance (E112486)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager