

## Certificate of Analysis

Date of Testing: 2023-10-11 12:01:19  
Date of Next Testing: 2027-10-10 12:01:19  
Product Name: **EDTA (ethylenediamine tetraacetic acid) free acid**  
CAS Number: 60-00-4  
Specifications & Purity: Ultra Pure Grade  
Lot #: J2308492  
SKU #: **E274376**  
**Analysis:** **275577**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metals(as Pb)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Nitrilotriacetic Acid	0-0.1 (%)	0.05000 %
PH (5%, water) 25 ° C	2.5 - 3.5	2.81
Ignition Residue	0-0.2 (%)	0.01 %
Purity(Titration)	99-101 (%)	99.01 %
DNases	none detected	none detected
Solubility(5%, 1N NaOH)	Pass	Pass
proteases	none detected	none detected
RNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager