

Certificate of Analysis

Date of Testing: 2023-11-22 16:14:05

Date of Next Testing: 2027-11-21 16:14:05

Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**

CAS Number: 6381-92-6

Specifications & Purity: Guaranteed Reagent, 99%

Lot #: K2316047

SKU #: **E116429**

Analysis: 236145

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.00025 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Nitrilotriacetic acid(C ₆ H ₉ NO ₆)	0-0.05 (%)	0.02 %
Chloride (Cl ⁻)	0-0.004 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Assay	99-100 (%)	99.20 %
Complexation test	pass	Pass
Solubility in Water	Pass	Pass
Clarity of solution	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager