

## Certificate of Analysis

Date of Testing: 2023-01-11 13:28:21  
Date of Next Testing: 2027-01-10 13:28:21  
Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**  
CAS Number: 6381-92-6  
Specifications & Purity: ACS  
Lot #: A2303471  
SKU #: **E116430**  
Analysis: **177439**

Parameter	Limit Values	Result
Iron(Fe)	0-0.01 (%)	0.00 %
PH at 25°C(5% in water)	4-6	4.55
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Assay	99-101 (%)	100.00 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Nitrilotriacetic acid[(HOCOCH <sub>2</sub> ) <sub>3</sub> N]	0-0.1 (%)	0.00 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager