

## Certificate of Analysis

Date of Testing: 2023-08-18 14:29:07  
Date of Next Testing: 2027-08-17 14:29:07  
Product Name: **Ethylenediaminetetraacetic Acid Tetrasodium Salt Dihydrate**  
CAS Number: 10378-23-1  
Specifications & Purity: Analytical Reagent, 99.0-102.0% (T)  
Lot #: H2315072  
SKU #: **E109307**  
Analysis: **207679**

Parameter	Limit Values	Result
PH(5 g/L, 25 °C)	10-12	11.17
Sodium(Na)	19.7-23 (%)	20.19%
Water by Karl Fischer	6.6-10.6 (%)	6.82%
Assay(Titration by EDTA)	99-102 (%)	101.65000 %
Appearance (E109307)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless solution at 160mg/ml	pass	Pass



John Su  
QA & QC Manager