

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-29 10:51:46  
Date of Next Testing: 2026-07-28 10:51:46  
Product Name: **Ethylenediaminetetraacetic Acid Tetrasodium Salt Dihydrate**  
CAS Number: 10378-23-1  
Specifications & Purity: Analytical Reagent, 99.0-102.0% (T)  
Lot #: G2227031  
SKU #: **E109307**  
Analysis: **098696**

Parameter	Limit Values	Result
PH(5 g/L, 25 °C)	10-12	10.93
Sodium(Na)	19.7-23 (%)	20.58 %
Water by Karl Fischer	6.6-10.6 (%)	8.05 %
Purity	99-102 (%)	99.84 %
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