

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-16 15:56:40

Date of Next Testing: 2029-07-15 15:56:40

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

CAS Number: 6381-92-6

Specifications & Purity: suitable for plant cell culture, ≥99%

Lot #: J2115334

SKU #: **E118596**

Version: **0**

Analysis #: **541036**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity Titration by EDTA	99-101 (%)	99.90000 %
Sodium (Na) by ICP	11-12.6 (%)	11.60000 %
Loss on drying	7-11 (%)	8.50000 %
Appearance (E118596)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 3 M NaOH	Colorless Clear, 16 g + 100 mL	Colorless Clear, 16 g + 100 mL



John Su
QA & QC Manager