

## Certificate of Analysis

Date of Testing: 2023-02-11 13:14:37  
Date of Next Testing: 2027-02-10 13:14:37  
Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**  
CAS Number: 6381-92-6  
Specifications & Purity: for plant cell culture,  $\geq 99.0\%$   
Lot #: B23031156  
SKU #: **E118596**  
Analysis: **148308**

Parameter	Limit Values	Result
Purity Titration by EDTA	99-101 (%)	99.21 %
Sodium (Na) by ICP	11-12.6 (%)	11.57 %
Loss on drying	7-11 (%)	10.31 %
Appearance (E118596)	White powder	White powder
Plant cell culture test	pass	Pass
Solubility in 3 M NaOH	Colorless Clear, 16 g + 100 mL	Colorless Clear, 16 g + 100 mL
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager