

## Certificate of Analysis

Date of Testing: 2023-08-16 14:47:41  
Date of Next Testing: 2027-08-15 14:47:41  
Product Name: **Ethylenediaminetetraacetic acid calcium Disodium salt hydrate**  
CAS Number: 23411-34-9  
Specifications & Purity: Analytical Reagent  
Lot #: H2307720  
SKU #: **E102871**  
Analysis: **265107**

Parameter	Limit Values	Result
Calcium(Ca) anhydrous	9.5-11 (%)	9.86 %
Sodium(ICP)(dry basis)	11.9-12.7 (%)	12.64 %
Purity(Titration by 0.1M EDTA)(alcd.on anh.substance)	97-103 (%)	102.94 %
PH	6.5-8	6.91
Water by Karl Fischer	0-13 (%)	9.13 %
Appearance (E102871)	white or almost white powder or crystals	white or almost white powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, Clear, 0.16g/ml	pass	Pass



John Su  
QA & QC Manager