

## Certificate of Analysis

Date of Testing: 2023-11-08 14:08:07  
Date of Next Testing: 2027-11-07 14:08:07  
Product Name: **Ethylenediaminetetraacetic acid calcium Disodium salt hydrate**  
CAS Number: 23411-34-9  
Specifications & Purity: Analytical Reagent  
Lot #: K2302336  
SKU #: **E102871**  
Analysis: **255154**

Parameter	Limit Values	Result
PH	6.5-8	6.95
Water by Karl Fischer	0-13 (%)	8.76 %
Purity(Titration by 0.1M EDTA)(alcd.on anh.substance)	97-103 (%)	99.68 %
Calcium(Ca) anhydrous	9.5-11 (%)	9.52 %
Sodium(ICP)(dry basis)	11.9-12.7 (%)	12.62 %
Appearance (E102871)	white or almost white powder or crystals	white or almost white powder or crystals
Solubility in H <sub>2</sub> O , Colorless, Clear, 0.16g/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager