

## Certificate of Analysis

Date of Testing: 2022-10-10 15:52:48  
Date of Next Testing: 2026-10-09 15:52:48  
Product Name: **Ethylenediaminetetraacetic acid calcium Disodium salt hydrate**  
CAS Number: 23411-34-9  
Specifications & Purity: Analytical Reagent  
Lot #: I2227111  
SKU #: **E102871**  
Analysis: **055309**

Parameter	Limit Values	Result
Calcium(Ca) anhydrous	9.5-11 (%)	10.15 %
Purity(Titration by 0.1M EDTA)(alcd.on anh.substance)	97-103 (%)	98.91 %
PH	6.5-8	6.82
Water by Karl Fischer	0-13 (%)	8.32 %
Sodium(ICP)(dry basis)	11.9-12.7 (%)	11.91 %
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