

## Certificate of Analysis

Date of Testing: 2023-12-18 10:07:50  
Date of Next Testing: 2027-12-17 10:07:50  
Product Name: **Ethylenediaminetetraacetic Acid Magnesium Disodium Salt Hydrate**  
CAS Number: 14402-88-1  
Specifications & Purity: EDTA-Na2Mg, for complexometry,  $\geq 98.5\%$   
Lot #: C2009069  
SKU #: **E105267**  
Analysis: **305346**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	31.8-35.2 (%)	34.49 %
Nitrogen by Elemental Analysis (anhydrous)	7.3-8.4 (%)	7.71 %
Water by Karl Fischer	10-20 (%)	13.07 %
Purity(As Mg) (calcd.on anh.substance)	98.5-101.5 (%)	101.05200 %
Appearance (E105267)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su  
QA & QC Manager