

## Certificate of Analysis

Date of Testing: 2023-08-07 17:41:03  
Date of Next Testing: 2027-08-06 17:41:03  
Product Name: **Ethylenediaminetetraacetic Acid Magnesium Disodium Salt Hydrate**  
CAS Number: 14402-88-1  
Specifications & Purity: EDTA-Na2Mg, for complexometry,  $\geq 98.5\%$   
Lot #: H2305218  
SKU #: **E105267**  
Analysis: **255157**

Parameter	Limit Values	Result
Purity(As Mg) (calcd.on anh.substance)	98.5-101.5 (%)	98.78000 %
Carbon by Elemental Analysis(anhydrous)	31.8-35.2 (%)	32.57 %
Nitrogen by Elemental Analysis (anhydrous)	7.3-8.4 (%)	7.59 %
Water by Karl Fischer	10-20 (%)	14.36 %
Appearance (E105267)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H2O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager