

Certificate of Analysis

Date of Testing: 2023-07-28 17:08:54
Date of Next Testing: 2027-07-27 17:08:54
Product Name: **Ethylenediaminetetraacetic Acid Magnesium Disodium Salt Hydrate**
CAS Number: 14402-88-1
Specifications & Purity: EDTA-Na2Mg, for complexometry, $\geq 98.5\%$
Lot #: G2321385
SKU #: **E105267**
Analysis: **247879**

Parameter	Limit Values	Result
Water by Karl Fischer	10-20 (%)	11.36 %
Purity(As Mg) (calcd.on anh.substance)	98.5-101.5 (%)	101.47000 %
Carbon by Elemental Analysis(anhydrous)	31.8-35.2 (%)	32.09 %
Nitrogen by Elemental Analysis (anhydrous)	7.3-8.4 (%)	7.49 %
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