

Certificate of Analysis

Date of Testing: 2024-08-28 17:13:02
Date of Next Testing: 2028-08-27 17:13:02
Product Name: **Ethylenediaminetetraacetic Acid Magnesium Disodium Salt Hydrate**
CAS Number: 14402-88-1
Specifications & Purity: EDTA-Na2Mg, for complexometry, $\geq 98.5\%$
Lot #: H2427430
SKU #: **E105267**
Version: **1**
Analysis #: **382661**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	31.8-35.2 (%)	33.93 %
Nitrogen by Elemental Analysis (anhydrous)	7.3-8.4 (%)	7.92 %
Water by Karl Fischer	10-20 (%)	16.47 %
Purity(As Mg) (calcd.on anh.substance)	98.5-101.5 (%)	99.12600 %
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