

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

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, ≥98.5%
Lot #: C2009069
SKU #: **E105267**
Analysis: **305346**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	31.8-35.2 (%)	34.49500 %
Nitrogen by Elemental Analysis (anhydrous)	7.3-8.4 (%)	7.71000 %
Water by Karl Fischer	10-20 (%)	13.07010 %
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 H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager