

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-03 16:39:11
Date of Next Testing: 2030-06-02 16:39:11
Product Name: **Ethylenediaminetetraacetic Acid Magnesium Disodium Salt Hydrate**
CAS Number: 14402-88-1
Specifications & Purity: $\geq 98.5\%$, EDTA-Na₂Mg, for complexometry
Lot #: F2602029
SKU #: **E105267**
Version: **1**
Analysis #: **538777**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	10-20 (%)	18.40320 %
Carbon by Elemental Analysis(anhydrous)	31.8-35.2 (%)	34.30000 %
Nitrogen by Elemental Analysis (anhydrous)	7.3-8.4 (%)	7.91000 %
Purity(As Mg) (calcd.on anh.substance)	98.5-101.5 (%)	101.45000 %
Appearance (E105267)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager