

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-25 16:08:44

Date of Next Testing: 2029-08-24 16:08:44

Product Name: **Ethylenediaminetetraacetic Acid Magnesium Disodium Salt Hydrate**

CAS Number: 14402-88-1

Specifications & Purity: $\geq 98.5\%$, EDTA- Na_2Mg , for complexometry

Lot #: H2521225

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