

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-12 09:45:02

Date of Next Testing: 2026-07-12 09:45:02

Product Name: **L-Aspartic acid magnesium salt hydrate**

CAS Number: 215533-00-9

Specifications & Purity: $\geq 98\%$

Lot #: I2219163

SKU # **M132322**

Version **0**

Analysis #: **385926**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 6 \text{ M HCl})$	19-22 (°)	19.21400 °
Purity Titration by EDTA	98-102 (%)	99.52000 %
Loss on Drying(190°C 3 Hours)	10-14 (%)	12.16000 %
Appearance (M132322)	white to off-white crystalline powder	white to off-white crystalline powder
ICP: Confirms Magnesium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager