

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 #: I2219313
SKU #: **M132322**
Version: **0**
Analysis #: **385926**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 6 \text{ M HCl})$	19-22 ($^{\circ}$)	19.21 $^{\circ}$
Purity Titration by EDTA	98-102 (%)	99.52%
Loss on Drying(190 $^{\circ}$ C 3 Hours)	10-14 (%)	12.16%
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