

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-27 10:18:30

Date of Next Testing: 2027-03-27 10:18:30

Product Name: **N-Methyl-D-aspartic acid(NMDA)**

CAS Number: 6384-92-5

Specifications & Purity: Moligand™, ≥98%

Lot #: C2522023

SKU #: **N129532**

Version: **0**

Analysis #: **488413**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	39.8-41.9 (%)	40.48000 %
Water by Karl Fischer	0-11 (%)	5.58300 %
Specific Rotation [α] ₂₀ /D(c=1 in 6N HCl)	-30--26 (°)	-28.19000 °
Purity (Titration by NaOH)	86-100 (%)	86.20000 %
Nitrogen by Elemental Analysis (anhydrous)	9.3-9.8 (%)	9.48000 %
Purity(HPLC)	98-100 (%)	98.05500 %
Appearance (N129532)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager