

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-04 14:28:01
 Date of Next Testing: 2028-01-04 14:28:01
 Product Name: **N-Methyl-D-aspartic acid(NMDA)**
 CAS Number: 6384-92-5
 Specifications & Purity: Moligand™, ≥98%
 Lot #: L2518500
 SKU #: **N129532**
 Version: **0**
 Analysis #: **614887**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-11 (%)	10.23520 %
Purity (Titration by NaOH)	86-100 (%)	95.20000 %
Purity(HPLC)	98-100 (%)	99.07700 %
Specific Rotation [α] _{20/D} (c=1 in 6N HCl)	-30--26 (°)	-27.79600 °
Carbon by Elemental Analysis(anhydrous)	39.8-41.9 (%)	40.26000 %
Nitrogen by Elemental Analysis (anhydrous)	9.3-9.8 (%)	9.47000 %
Appearance (N129532)	White powder	White powder
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager