

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 20:39:58

Date of Next Testing: 2025-02-09 20:39:58

Product Name: **N-Methyl-L-valine**

CAS Number: 2480-23-1

Specifications & Purity: $\geq 98\%$

Lot #: B23031493

SKU #: **I137132**

Version: **0**

Analysis #: **152106**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80300 %
Carbon by Elemental Analysis	54.1-55.7 (%)	54.88000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1M \text{ HCl})$	24-26 (°)	25.54600 °
Nitrogen by Elemental Analysis	10.4-11 (%)	10.65700 %
Appearance (I137132)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager