

Certificate of Analysis

Date of Testing: 2024-11-07 10:28:52

Date of Next Testing: 2026-11-07 10:28:52

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

CAS Number: 2480-23-1

Specifications & Purity: $\geq 98\%$

Lot #: B2304013

SKU #: **I137132**

Version: **0**

Analysis #: **431988**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80000 %
Carbon by Elemental Analysis	54.1-55.7 (%)	54.80 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{M HCl})$	24-26 (°)	25.50°
Nitrogen by Elemental Analysis	10.4-11 (%)	10.60 %
Appearance (I137132)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager