

Certificate of Analysis

Date of Testing: 2025-02-13 13:35:29

Date of Next Testing: 2027-02-13 13:35:29

Product Name: (S)-(+)-3,3-Dimethyl-2-butylamine

CAS Number: 22526-47-2

Specifications & Purity: $\geq 97\%$

Lot #: D23191100

SKU #: D113401

Version: 0

Analysis #: 471618

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	4-8 (°)	4.50°
Purity(GC)	97-100 (%)	99.00 %
Enantiometric Excess	97-100 (%)	97.00 %
Appearance (D113401)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager