

Certificate of Analysis

Date of Testing: 2025-01-10 11:46:06

Date of Next Testing: 2029-01-09 11:46:06

Product Name: **(S)-(+)-1-Chloro-2-methylbutane**

CAS Number: 40560-29-0

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: C2117172

SKU #: **S160982**

Version: **0**

Analysis #: **460816**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100(%)	99.50 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	1.3-2.3(°)	1.70 °
Appearance(S160982Color)	Colorless to Almost colorless clear	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (S160982Form)	Liquid	Colorless to Pale Yellow



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QA & QC Manager