

Certificate of Analysis

Date of Testing: 2022-07-07 11:07:53

Date of Next Testing: 2025-07-06 11:07:53

Product Name: (5S)-(-)-5-(Trifluoromethyl)-2-pyrrolidinone

CAS Number: 1287211-10-2

Specifications & Purity: 97%

Lot #: F2229445

SKU #: I166855

Analysis: 092597

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96.5-100 (%)	96.51 %
Specific rotation	-10 ~ -4 (°)	-6.36000 °
[α] _{20/D} (C=1% , Chloroform)		
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (I166855)	White to Very Dark Yellow and Faint Brown to Brown Powder or Crystals or Flakes	White to Very Dark Yellow and Faint Brown to Brown Powder or Crystals or Flakes



John Su
QA & QC Manager