

Certificate of Analysis

Date of Testing: 2025-04-08 16:00:44
 Date of Next Testing: 2028-04-07 16:00:44
 Product Name: (5S)-(-)-5-(Trifluoromethyl)-2-pyrrolidinone
 CAS Number: 1287211-10-2
 Specifications & Purity: $\geq 97\%$
 Lot #: F2229375
 SKU #: I166855
 Version: 1
 Analysis #: 492076
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96.5-100 (%)	96.51 %
Specific rotation	-10--4 (°)	-6.35800 °
$[\alpha]_{20/D}$ (C=1% , Chloroform)		
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
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager