

Certificate of Analysis

Date of Testing: 2025-04-09 14:09:35
 Date of Next Testing: 2028-04-08 14:09:35
 Product Name: (1R,2R)-trans-N-Boc-1,2-cyclopentanediamine
 CAS Number: 1016971-66-6
 Specifications & Purity: ≥97%
 Lot #: G2206262
 SKU #: I165456
 Version: 1
 Analysis #: 492209
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.47 %
Specific rotation $[\alpha]_{20/D(C=1 \text{ IN } 1\text{M HCl})}$	-18--10 (°)	-17.57400 °
Appearance (I165456)	White to Light Yellow to yellow Powder or White to Light Yellow to yellow Powder or Crystals	Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager