

Certificate of Analysis

Date of Testing: 2023-03-20 17:23:13

Date of Next Testing: 2027-03-19 17:23:13

Product Name: **(R)-1-Boc-3-methylpiperazine**

CAS Number: 163765-44-4

Specifications & Purity: 98%

Lot #: C2314093

SKU #: **B123470**

Analysis: **201983**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.25 %
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	14-18 (°)	15.22°
Melting point	43-47 (°C)	45.63200 °C
Appearance (B123470)	White to pale cream crystals or powder	White to pale cream crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager