

Certificate of Analysis

Date of Testing: 2025-08-28 13:14:49
 Date of Next Testing: 2028-08-27 13:14:49
 Product Name: **(R)-tert-Butyl 2-benzylpiperazine-1-carboxylate**
 CAS Number: 947684-78-8
 Specifications & Purity: $\geq 97\%$
 Lot #: K2215552
 SKU #: **R196021**
 Version: **2**
 Analysis #: **560493**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.70000 %
Specific rotation $[\alpha]_{20/D}(C=1, CHCl_3)$	26-30 (°)	26.10°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager