

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-22 14:25:59

Date of Next Testing: 2028-08-21 14:25:59

Product Name: **(R)-tert-Butyl 2-benzylpiperazine-1-carboxylate**

CAS Number: 947684-78-8

Specifications & Purity: $\geq 97\%$

Lot #: K2215556

SKU #: **R196021**

Version: **2**

Analysis #: **558097**

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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager