

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 17:16:42

Date of Next Testing: 2028-01-09 17:16:42

Product Name: **(S)-1-Boc-2-isopropylpiperazine**

CAS Number: 674792-05-3

Specifications & Purity: $\geq 95\%$

Lot #: K2429616

SKU #: **B301362**

Version: **1**

Analysis #: **392672**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.75500 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ MeOH})$	25-29 (°)	25.64 °
Appearance (B301362)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager