

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-17 10:35:37

Date of Next Testing: 2029-08-16 10:35:37

Product Name: (R)-1-tert-Butyl 3-methyl piperazine-1,3-dicarboxylate hydrochloride

CAS Number: 1251903-83-9

Specifications & Purity: ≥95%

Lot #: K2301273

SKU #: R586783

Version: 1

Analysis #: 754013

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	95.76100 %
Optical purity(ee)	98-100 (%)	99.97300 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager