

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-04 09:29:53

Date of Next Testing: 2028-11-03 09:29:53

Product Name: **N-4-Cbz-piperazine-2-carboxylate methyl ester**

CAS Number: 129799-11-7

Specifications & Purity: $\geq 95\%$

Lot #: J2520801

SKU #: **N181053**

Version: **1**

Analysis #: **563423**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	97.68800 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager