

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-19 14:31:19

Date of Next Testing: 2026-01-18 14:31:19

Product Name: **1-Boc-piperazine**

CAS Number: 57260-71-6

Specifications & Purity: $\geq 98\%$

Lot #: C1816078

SKU #: **B106917**

Version: **1**

Analysis #: **068099**

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

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.40700 %
Melting point	44-48 (°C)	44.28000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.16000 %
Appearance (B106917)	white to light yellow solid	white to light yellow solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager