

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-14 13:39:10
Date of Next Testing: 2026-06-13 13:39:10
Product Name: **1-Boc-piperazine**
CAS Number: 57260-71-6
Specifications & Purity: $\geq 98\%$
Lot #: H1412120
SKU #: **B106917**
Version: **1**
Analysis #: **099263**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.43000 %
Melting point	44-48 (°C)	46.32000 °C
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.99000 %
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