

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-10 11:50:44
 Date of Next Testing: 2026-05-09 11:50:44
 Product Name: **1-Boc-piperazine**
 CAS Number: 57260-71-6
 Specifications & Purity: $\geq 98\%$
 Lot #: H1412118
 SKU #: **B106917**
 Version: **1**
 Analysis #: **089890**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.11000 %
Melting point	44-48 (°C)	46.79000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.49000 %
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