

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-14 16:26:57  
Date of Next Testing: 2026-12-13 16:26:57  
Product Name: **1-Boc-hexahydro-1,4-diazepine**  
CAS Number: 112275-50-0  
Specifications & Purity:  $\geq 96\%$   
Lot #: L2208627  
SKU #: **B119041**  
**Analysis:** **168929**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.47-1.472	1.47
Density (20°C)	1.015-1.017	1.02
Purity(GC)(T)	97.5-102.5 (%)	98.29%
Appearance (B119041)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager