

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-26 11:44:19
 Date of Next Testing: 2026-02-25 11:44:19
 Product Name: **3-Amino-1-Boc-piperidine**
 CAS Number: 184637-48-7
 Specifications & Purity: $\geq 97\%$
 Lot #: B2222373
 SKU #: **A121536**
 Version: **1**
 Analysis #: **067128**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	96.5-103.5 (%)	98.50000 %
Purity(GC)	97-100 (%)	97.93800 %
Refractive index n ₂₀ /D	1.471-1.475	1.47310
Density (20°C)	1.018-1.022	1.02000
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (A121536)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager