

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-01 13:24:00
Date of Next Testing: 2027-05-31 13:24:00
Product Name: **(R)-(+)-N-Boc-3-aminopyrrolidine**
CAS Number: 147081-49-0
Specifications & Purity: $\geq 97\%$
Lot #: E2325178
SKU #: **B115464**
Version: **2**
Analysis #: **137241**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.032-1.036	1.03
Purity(GC)	97-100 (%)	98.00%
Refractive index n ₂₀ /D	1.469-1.473	1.47
Specific Rotation [α] ₂₅ /D(c=1 in CHCL ₃)	2 ~ 5°	4.98°
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (B115464)	colorless to brown liquid	colorless to brown liquid



John Su
QA & QC Manager