

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-01 13:27:50  
Date of Next Testing: 2028-03-31 13:27:50  
Product Name: **R)-(-)-N-Boc-3-pyrrolidinol**  
CAS Number: 109431-87-0  
Specifications & Purity: 98%  
Lot #: E1204049  
SKU #: **P115462**  
Analysis: **327741**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.06 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-29--25 (°)	-28.90°
Melting point	59-63 (°C)	59.01000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P115462)	White to off-white powder	White to Off-White Powder



John Su  
QA & QC Manager