

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-14 15:53:25  
 Date of Next Testing: 2026-07-13 15:53:25  
 Product Name: **(R)-(-)-1-Benzyl-3-aminopyrrolidine**  
 CAS Number: 114715-39-8  
 Specifications & Purity: 99%  
 Lot #: G2209066  
 SKU #: **B119297**  
**Analysis: 096943**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.35 %
Density (20°C)	1.015-1.019	1.02
Refractive index n <sub>20</sub> /D	1.543-1.545	1.54
Enantiometric Excess	99-100 (%)	99.40 %
Boiling point	278-279 (°C)	278.30 °C
Purity(Nonaqueous Titration)	99-100 (%)	99.60 %
Specific Rotation [α] <sub>20</sub> /D(c=5 in H <sub>2</sub> O)	-9.6--9.3 (°)	-9.32 °
Appearance (B119297)	colorless to pale yellow liquid	colorless to pale yellow liquid



John Su  
QA & QC Manager