

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-17 10:45:22

Date of Next Testing: 2029-01-16 10:45:22

Product Name: **(S)-1-Benzyl-3-aminopyrrolidine**

CAS Number: 114715-38-7

Specifications & Purity: $\geq 99\%$

Lot #: F1304055

SKU #: **B121661**

Version: **1**

Analysis #: **464292**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.543-1.545	1.54300
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	9.3-9.7 (°)	9.40000 °
Nitrogen by Elemental Analysis	15.3-16.5 (%)	15.40000 %
Carbon by Elemental Analysis	72.3-77.6 (%)	73.10000 %
Purity(Nonaqueous Titration)	99-100 (%)	99.02000 %
Purity(GC)	99-100 (%)	99.10000 %
Density (20°C)	1.015-1.019	1.01500
Appearance (B121661)	Colorless to tan liquid	Colorless to tan liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager