

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-10 16:20:45

Date of Next Testing: 2027-06-09 16:20:45

Product Name: **(R)-(-)-1-Cbz-3-pyrrolidinol**

CAS Number: 100858-33-1

Specifications & Purity: 97%

Lot #: F2303653

SKU #: **R115475**

Analysis: **216626**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.66 %
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-25--21 (°)	-22.70 °
Melting point	74-79 (°C)	78.59000 °C
Appearance (R115475)	White to brown powder	White to brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager