

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-31 15:52:22
 Date of Next Testing: 2028-08-30 15:52:22
 Product Name: **(R)-3-(Boc-amino)pyrrolidine**
 CAS Number: 122536-77-0
 Specifications & Purity: $\geq 98\%$
 Lot #: H2422189
 SKU #: **B121659**
 Version: **1**
 Analysis #: **405732**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	56.88-59.2 (%)	56.88700 %
Purity(HPLC)	98-100 (%)	99.76100 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	102.39000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	19-22 ($^{\circ}$)	20.39000 $^{\circ}$
Nitrogen by Elemental Analysis	14.74-15.34 (%)	14.74400 %
Appearance (B121659)	White to Beige to Yellow Powder, Fibers, Crystals	White to Beige to Yellow Powder, Fibers, Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager