

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-21 16:09:43  
Date of Next Testing: 2026-06-20 16:09:43  
Product Name: (S)-(-)-2-(Boc-amino)-1,5-pentanediol  
CAS Number: 162955-48-8  
Specifications & Purity: 97%  
Lot #: F23161401  
SKU #: I167719  
**Analysis: 225928**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.60%
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	-17--13 (°)	-16.38°
Appearance(I167719)	White to yellow powder, crystal, crystal powder and/or chunks	White to yellow powder, crystal, crystal powder and/or chunks
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager