

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-13 17:42:30  
Date of Next Testing: 2026-06-12 17:42:30  
Product Name: **S-(-)-Carbidopa**  
CAS Number: 28860-95-9  
Specifications & Purity: 98%  
Lot #: H1419064  
SKU #: **C123671**  
**Analysis: 098820**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.6-53.6 (%)	53.10%
Nitrogen by Elemental Analysis	12-12.8 (%)	12.31%
Purity(HPLC)	98-100 (%)	99.34000%
Appearance (C123671)	White to Yellow Powder	White to Yellow Powder
Identity by NMR(Solvent DMSO-d <sub>6</sub> )	Consistent	Consistent
Solubility in MeOH + 1 drop HCl	Clear,colorless to faint yellow,4.90 - 5.10 mg/ml	Clear,colorless to faint yellow,4.90 - 5.10 mg/ml



John Su  
QA & QC Manager