

Certificate of Analysis

Date of Testing: 2024-08-06 10:47:10

Date of Next Testing: 2026-08-06 10:47:10

Product Name: **Castanospermine**

CAS Number: 79831-76-8

Specifications & Purity: 98%

Lot #: C1512034

SKU #: **C130954**

Version: **0**

Analysis #: **395639**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.25100 %
Carbon by Elemental Analysis	49.2-52.1 (%)	50.28 %
Nitrogen by Elemental Analysis	6.7-7.9 (%)	7.19 %
Specific Rotation $[\alpha]_{20/D}(c=0.9 \text{ in H}_2\text{O})$	77-83 (°)	79.57°
Appearance (C130954)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , Clear Colorless,10 mg/ml	Conforms	Conforms



John Su
QA & QC Manager