

Certificate of Analysis

Date of Testing: 2024-12-07 10:39:57

Date of Next Testing: 2026-12-07 10:39:57

Product Name: **Castanospermine**

CAS Number: 79831-76-8

Specifications & Purity: $\geq 98\%$

Lot #: L2402081

SKU #: **C130954**

Version: **0**

Analysis #: **416959**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	49.2-52.1 (%)	50.60%
Nitrogen by Elemental Analysis	6.7-7.9 (%)	7.20%
Specific Rotation $[\alpha]_{20/D}(c=0.9 \text{ in H}_2\text{O})$	77-83 (°)	81.00°
Purity(HPLC)	98-100 (%)	99.90000%
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



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QA & QC Manager