

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-09 16:25:05

Date of Next Testing: 2028-06-08 16:25:05

Product Name: **Castanospermine**

CAS Number: 79831-76-8

Specifications & Purity: $\geq 98\%$

Lot #: H2416067

SKU #: **C130954**Version: **0**Analysis #: **719194**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.86000 %
Carbon by Elemental Analysis	49.2-52.1 (%)	50.59800 %
Nitrogen by Elemental Analysis	6.7-7.9 (%)	7.19600 %
Specific Rotation $[\alpha]_{20/D}(c=0.9 \text{ in H}_2\text{O})$	77-83 (°)	80.99600 °
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