

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-19 15:56:23

Date of Next Testing: 2026-03-19 15:56:23

 Product Name: **(+)-Catechin Hydrate**

CAS Number: 225937-10-0

 Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: F2213098

 SKU #: **C107690**
Analysis: **333049**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.78000 %
Specific Rotation $[\alpha]_{20/D}(c=5$ in Acetone(50%) (calcd.on anh.subs	13-18 (°)	14.00°
Melting point(anhydrous)	175-177 (°C)	176.00 °C
Loss on drying	0-8 (%)	3.00 %
Appearance (C107690)	White to Yellow to Grey to Brown Powder	White to Yellow to Grey to Brown Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Yellow to amber,clear to light hazy,50mg/ml	pass	Pass



 John Su
QA & QC Manager