

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-24 16:15:49

Date of Next Testing: 2027-11-24 16:15:49

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

CAS Number: 225937-10-0

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

Lot #: K2520071

SKU #: **C107690**

Version: **1**

Analysis #: **613044**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.78000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in Acetone}(50\%))$ (calcd.on anh.subs	13-18 (°)	14.00000 °
Melting point(anhydrous)	175-177 (°C)	176.00000 °C
Loss on drying	0-8 (%)	3.00000 %
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