

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-18 15:06:07
Date of Next Testing:	2026-10-18 15:06:07
Product Name:	(+)-Catechin Hydrate
CAS Number:	225937-10-0
Specifications & Purity:	≥95%(HPLC)
Lot #:	C2126034
SKU #	C107690
Version	0
Analysis #:	422945
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.74800%
Specific Rotation[a] ₂₀ /D(c=5 in Acetone(50% (calcd.on anh.subs	13-18 (°)	14.20°
Melting point(anhydrous)	175-177 (°C)	176.30 °C
Loss on drying	0-8 (%)	3.35 %
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