

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-08-15 09:16:44
Date of Next Testing:	2024-08-14 09:16:44
Product Name:	(+)-Catechin Hydrate
CAS Number:	225937-10-0
Specifications & Purity:	≥95%(HPLC)
Lot #:	J2026190
SKU #	C107690
Analysis:	124994
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.96000 %
Specific Rotation $[\alpha]_{20/D}(c=5$ in Acetone(50%) (calcd.on anh.subs	13-18 (°)	14.60°
Melting point(anhydrous)	175-177 (°C)	176.30 °C
Loss on drying	0-8 (%)	4.80 %
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