

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-16 11:23:16
 Date of Next Testing: 2025-11-15 11:23:16
 Product Name: **(+)-Catechin Hydrate**
 CAS Number: 225937-10-0
 Specifications & Purity: $\geq 95\%$ (HPLC)
 Lot #: B2210035
 SKU #: **C107690**
Analysis: **296001**
 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)	176.45 °C
Loss on drying	0-8 (%)	3.40 %
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