

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-05-21 16:27:40
Date of Next Testing:	2027-05-21 16:27:40
Product Name:	<b>(+)-Catechin Hydrate</b>
CAS Number:	225937-10-0
Specifications & Purity:	≥95%(HPLC)
Lot #:	E2516251
SKU #	<b>C107690</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>344742</b>
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.30000%
Specific Rotation[a] <sub>D</sub> <sup>20</sup> (c=5 in Acetone(50% (calcd.on anh.subs	13-18 (°)	15.10°
Loss on drying	0-8 (%)	4.10%
Melting point(anhydrous)	175-177 (°C)	175.40 °C
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