

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:	<b>(+)-Catechin Hydrate</b>
CAS Number:	225937-10-0
Specifications & Purity:	≥95%(HPLC)
Lot #:	B2210034
SKU #	<b>C107690</b>
<b>Analysis:</b>	<b>296001</b>
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.78000 %
Specific Rotation[a] <sub>20</sub> /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