

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-12 18:19:05
Date of Next Testing:	2026-10-11 18:19:05
Product Name:	(+)-Catechin hydrate
CAS Number:	225937-10-0
Specifications & Purity:	≥96.0% (sum of enantiomers, HPLC)
Lot #:	J2310404
SKU #	C464218
Analysis:	279064
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	98.71 %
Loss on drying	0-8 (%)	2.10 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	24-28 (°)	24.02°
Appearance(C464218)	White To Light Beige	White to Light Beige to To Light Brown Powder
Solubility (0.5g in 10ml Ethanol, Hot, Yellow To Very Dark Yellow And Light Brown-Yellow To Very Dark Brown-Yellow Clear To Very Hazy)	pass	Light Brown Powder Pass
LC-MS for identification	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager