

CERTIFICATE OF ANALYSIS

PRODUCT NAME: (+)-Catechin Hydrate, ≥95%(HPLC)

ITEM NUMBER: C107690
BRAND: Aladdin
CAS NUMBER: 225937-10-0
MDL NUMBER: MFCD00150865
FORMULA: C₁₅H₁₄O₆ · xH₂O
MOLECULAR WEIGHT: 290.27

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Yellow to Grey to Brown Powder		
Loss on drying	0 %	8 %	8 %
Melting point(anhydrous)	175 ° C	177 ° C	177 ° C
Proton NMR spectrum	Conforms to Structure		
Purity(HPLC)	95 %	100 %	100 %
Solubility in Ethanol	Yellow to amber,clear to light hazy,50mg/ml		
Specific rotation[α] ₂₀ /D(C=5,Acetone(50%))(calcd.on anh.subs	++13 °	+18 °	++18 °