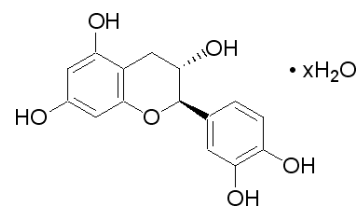


Specification Sheet

Product No: C804880
Product Name: (+)-Catechin hydrate
CAS: 225937-10-0
Formula: $C_{15}H_{14}O_6 \cdot xH_2O$
Formula Weight: 290.27 (anhydrous basis)
Specification: $\geq 98\%$ (HPLC)
Version: 2022-10-24



Test	Specification	
	Min.	Max.
Purity (HPLC)	98	100
SPECIFIC ROTATION	13	18
[A] ₂₀ /D(C=5,ACETONE(50%))(CALCD ON ASH.SUBS.)		
APPEARANCE	White to yellow to grey to brown powder	
CONCENTRATION	C=1 IN WATER (DRIED MATERIAL)	
SOLUBILITY (COLOR)	VERY DEEP BROWNISH-YELLOW	
SOLUBILITY (TURBIDITY)	CLEAR (<3.5 NTU)	
SOLUBILITY (TURBIDITY)	CLEAR (<3.5 NTU)	
SOLUBILITY IN ETHANOL	Yellow to amber clear to light hazy,50mg/ml	
INFRARED SPECTRUM	Conforms to structure	
PROTON NMR SPECTRUM	Conforms to structure	