

Certificate Of Analysis

Product No. B612719
Product Name: (+)-Catechin hydrate
CAS NO. 225937-10-0
Lot No. C22967
Inspection Date: 2022-09-06
Reinspection Date: 2024-09-05

Test	Specification
PURITY (HPLC)	98-100
SPECIFIC ROTATION	13-18
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 IN ETHANOL	Yellow to amber clear to light hazy,50mg/ml
INFRARED SPECTRUM	Conforms to structure
PROTON NMR SPECTURM	Conforms to structure

