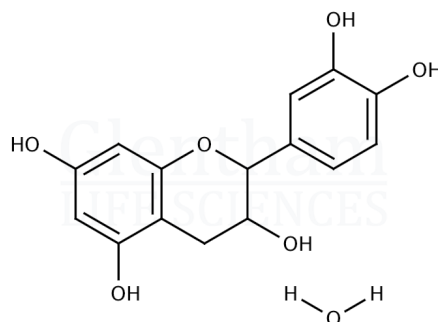


Certificate of Analysis

Product Name (+)-Catechin hydrate
Glenthams Code GL6828
CAS Number 225937-10-0
EINECS 205-825-1
MDL Number MFCD00150865
PubChem SID 310269424
Additional CAS 154-23-4
Batch Number 624XTJ

Molecular Weight 290.27 (anhydrous)
Molecular Formula $C_{15}H_{14}O_6 \cdot xH_2O$
Storage Temp. +4°C



Property	Specification	Batch 624XTJ
Physical Description	White to beige or light-brown powder	Light-brown powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in ethanol)	Clear to slightly turbid, colourless to yellow or brown-yellow solution	Clear, brown-yellow solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+24.0 - +28.0 ° (c=1, water)	+27.0 °
Loss on Drying	≤ 8.0%	2.2%
Assay	≥ 98.0% (dried basis)	99.4%

Specification Version v1.1
Manufacture Date 2022-01-04
Re-Test Date 2032-03-18

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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