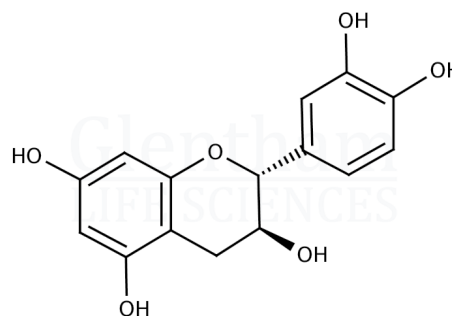


## Certificate of Analysis

Product Name (+)-Catechin  
Glenthams Code GK0455  
CAS Number 154-23-4  
EINECS 205-825-1  
MDL Number MFCD00075649  
PubChem SID 310269422  
Additional CAS 225937-10-0  
Batch Number 145KKI

Molecular Weight 290.27  
Molecular Formula  $C_{15}H_{14}O_6$   
Storage Temp. +4°C



Property	Specification	Batch 145KKI
Physical Description	Off-white to tan powder	Tan powder
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)	+25.3°
Water	≤ 7.0%	4.8%
Assay (HPLC)	≥ 95.0%	99.8%

Specification Version v1.0  
Manufacture Date 2019-05-11  
Re-Test Date 2028-05-18

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](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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