

Certificate of Analysis

Product Name	Quercetin dihydrate
Glenthams Code	GP1387
CAS Number	6151-25-3
EINECS	204-187-1
MDL Number	MFCD00149487
PubChem SID	310279512
Additional CAS	117-39-5 (anhydrous)
Additional CAS	849061-97-8 ($\cdot xH_2O$)
Batch Number	004EYG

Molecular Weight	338.28
Molecular Formula	$C_{15}H_{10}O_7 \cdot 2H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 004EYG
Physical Description	Pale yellow to yellow or yellow-green powder	Yellow powder
Solubility (5% in DMSO)	Clear solution	Clear, brown solution
Melting Point	$\geq 300^\circ C$	313°C
Water	$\leq 12.5\%$	11.07%
Assay (HPLC)	$\geq 95.0\%$	95.59%

Specification Version	v1.1
Manufacture Date	2019-01-05
Re-Test Date	2027-02-15

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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