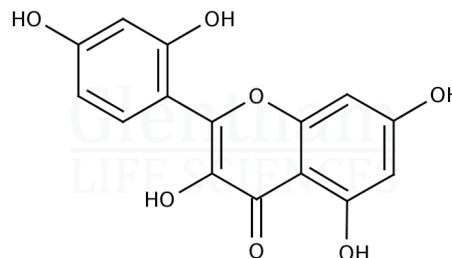


Certificate of Analysis

Product Name	Morin hydrate
Glenthams Code	GL8475
CAS Number	654055-01-3
EINECS	207-542-9
MDL Number	MFCD00217054
Additional CAS	480-16-0
Batch Number	2610VB
Molecular Weight	302.24 (anhydrous)
Molecular Formula	$C_{15}H_{10}O_7 \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 2610VB
Physical Description	Yellow to brown powder	Dark yellow powder
Solubility (0.1% in ethanol)	Clear to faintly turbid, yellow to orange-brown solution	Slightly turbid, yellow solution
Wavelength of Maximum Absorption (λ_{max})	360 - 375 nm (in methanol)	372.0nm
Specific Absorption ($E_{1\%}^{1cm}$)	≥ 300 (at λ_{max})	845.0
Water (KF)	$\leq 12.5\%$	10.9%
Assay	$\geq 95.0\%$	98.15%

Specification Version	v1.1
Manufacture Date	2021-01-08
Re-Test Date	2029-02-25

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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