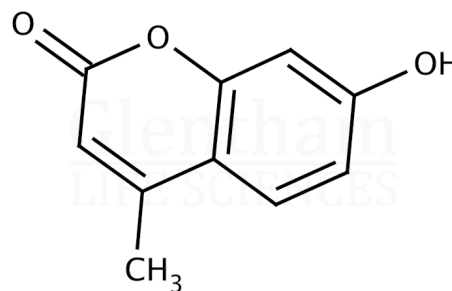


Certificate of Analysis

Product Name	4-Methylumbelliferone
Glentham Code	GE8143
CAS Number	90-33-5
EINECS	201-986-7
MDL Number	MFCD00006866
PubChem SID	310277125
Batch Number	069IYA

Molecular Weight	176.17
Molecular Formula	C ₁₀ H ₈ O ₃
Storage Temp.	+20°C



Property	Specification	Batch 069IYA
Physical Description	White to off-white crystalline powder	Off-white powder
Solubility (5% in methanol)	Clear, colourless to pale yellow-brown solution (may need warming)	Clear, colourless solution
Melting Point	188 - 193 °C	191 - 193 °C
Sulphated Ash	≤ 0.1%	0.05%
Assay	98.0 - 102.0 % (anhydrous basis)	99.83%

Specification Version	v1.0
Manufacture Date	2018-04-15
Re-Test Date	2028-12-11

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

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