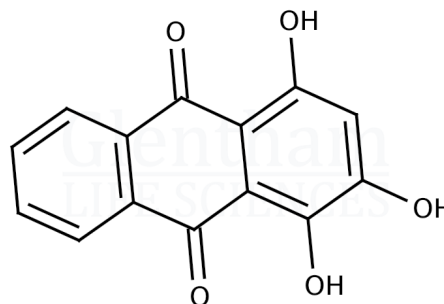


Certificate of Analysis

Product Name Purpurin (C.I. 58205)
Glentham Code GT4917
CAS Number 81-54-9
EINECS 201-359-8
Colour Index 58205
MDL Number MFCD00001203
PubChem SID 310279393
Batch Number 475SLH

Molecular Weight 256.21
Molecular Formula $C_{14}H_8O_5$
Storage Temp. +20°C



Property	Specification	Batch 475SLH
Physical Description	Dark-red to orange-brown or brown powder	Orange-brown powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility	1mg/ml NH ₄ OH: Red to very dark red or purple solution	Dark red solution
Wavelength of Maximum Absorption (λ_{max})	470.0 - 490.0 nm	482nm
Extinction Coefficient	≥ 17000 (254 - 260 nm, c=10mg/L, methanol)	28333
Extinction Coefficient	≥ 7000 (470 - 490 nm, c=10mg/L, methanol)	7716
Assay (HPLC)	$\geq 70.0\%$	77.2%

Specification Version v1.1
Manufacture Date 2020-07-25
Re-Test Date 2033-09-14

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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