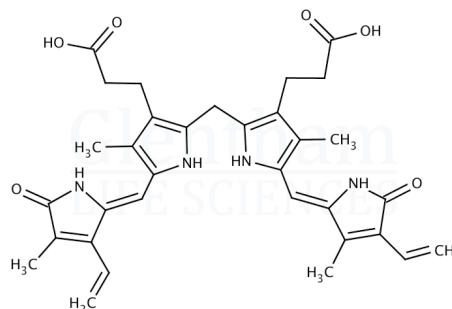


Certificate of Analysis

Product Name	Bilirubin
Glentham Code	GE4042
CAS Number	635-65-4
EINECS	211-239-7
MDL-Nummer	MFCD00005499
PubChem SID	310267819
Batch Number	376MQU
Molecular Weight	584.68
Molecular Formula	$C_{33}H_{36}N_4O_6$
Storage Temp.	-20°C



Property	Specification	Batch 376MQU
Physical Description	Orange to brown powder	Dark orange powder
Solubility (0.1% in chloroform)	Clear to faintly turbid, pale yellow to yellow-orange solution	Faintly turbid, yellow-orange solution
Loss on Drying	$\leq 2.0\%$ (200°C)	1.0%
Wavelength of Maximum Absorption (λ_{max})	450.0 - 454.0 nm (chloroform)	454.0nm
Molar Extinction Coefficient	≥ 50000 (chloroform, λ_{max})	59522
Assay	$\geq 95\%$	96.1%

Specification Version	v1.2
Manufacture Date	2023-08-25
Re-Test Date	2030-09-12

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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