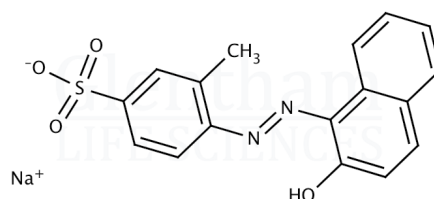


Certificate of Analysis

Product Name	Acid Orange 8
Glentham Code	GT0968
CAS Number	5850-86-2
EINECS	227-458-6
MDL Number	MFCD00003895
PubChem SID	310265772
Batch Number	401JHI
Molecular Weight	364.35
Molecular Formula	C ₁₇ H ₁₃ N ₂ NaO ₄ S
Storage Temp.	+20°C



Property	Specification	Batch 401JHI
Physical Description	Light red-orange to dark red-orange powder	Dark red-orange powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in water)	Clear, orange to very dark red-orange solution	Clear, dark orange solution
Wavelength of Maximum Absorption (λ _{max1})	486.0 - 492.0 nm (0.015g in 1L water)	490 nm
Extinction Coefficient	≥ 12000	16400
Wavelength of Maximum Absorption (λ _{max2})	306.0 - 312.0 nm	310 nm
Extinction Coefficient	≥ 4800	6366
Wavelength of Maximum Absorption (λ _{max3})	261.0 - 267.0 nm	265 nm
Extinction Coefficient	≥ 8000	9505

Specification Version	v1.0
Manufacture Date	2022-02-18
Re-Test Date	2032-02-14

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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