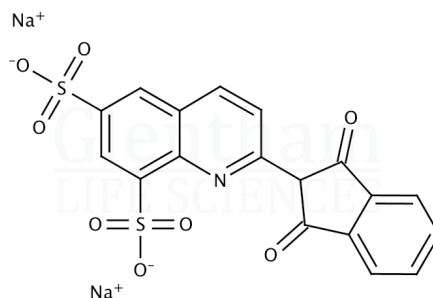


Certificate of Analysis

Product Name	Quinoline Yellow (mono- and disulfonic acids) (C.I. 47005)
Glentham Code	GL4704
CAS Number	8004-92-0
EINECS	305-897-5
MDL Number	MFCD00080727
Batch Number	109IIL

Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C



Property	Specification	Batch 109IIL
Physical Description	Yellow to dark orange powder	Dark orange powder
Solubility (0.1% in water)	Clear to faintly turbid, faint yellow to dark yellow solution	Clear, dark yellow solution
Wavelength of Maximum Absorption (λ_{max1})	410.0 - 415.0 nm (in water)	410.0 nm
Specific Absorption (E1%/1cm)	≥ 500	953.58
Wavelength of Maximum Absorption (λ_{max2})	285.0 - 290.0 nm (in water)	288.5 nm
Specific Absorption (E1%/1cm)	≥ 350	769.73

Specification Version	v1.1
Manufacture Date	2021-01-21
Re-Test Date	2031-01-20

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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