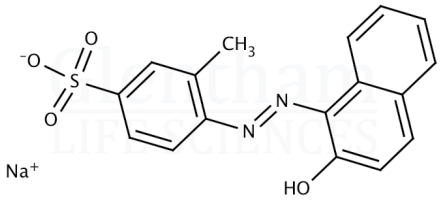
Glentham Life Sciences Ltd
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

t: +44 (0) 1225 667 798
f: +44 (0) 2033 978 909
e: info@glentham.com
w: www.glentham.com

Product Specification

Product Name	Acid Orange 8
Glentham Code	GT0968
CAS Number	5850-86-2
EINECS	227-458-6
MDL Number	MFCD00003895
PubChem SID	310265772
Molecular Weight	364.35
Molecular Formula	$C_{17}H_{13}N_2NaO_4S$
Storage Temp.	+20°C



Property	Specification
Physical Description	Light red-orange to dark red-orange powder
Identification (IR)	To conform to standard
Solubility (0.1% in water)	Clear, orange to very dark red-orange solution
Wavelength of Maximum Absorption (λmax1)	486.0 - 492.0 nm (0.015g in 1L water)
Extinction Coefficient	≥ 12000
Wavelength of Maximum Absorption (λmax2)	306.0 - 312.0 nm
Extinction Coefficient	≥ 4800
Wavelength of Maximum Absorption (λmax3)	261.0 - 267.0 nm
Extinction Coefficient	≥ 8000

Specification Version	-	v1.0
Date Created	-	2022-02-14

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024

Printed: 2024-03-28 20:29:32