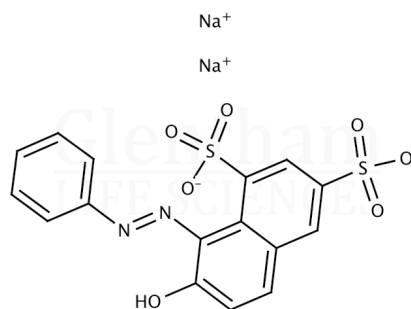


## Certificate of Analysis

Product Name	Orange G (C.I. 16230)
Glentham Code	GT7194
CAS Number	1936-15-8
EINECS	217-705-6
Colour Index	16230
MDL Number	MFCD00012457
PubChem SID	310278363
Batch Number	568XCP

Molecular Weight	452.38
Molecular Formula	$C_{16}H_{10}N_2Na_2O_7S_2$
Storage Temp.	+20°C



Property	Specification	Batch 568XCP
Physical Description	Orange to dark orange or red powder	Orange powder
Solubility (0.1% in water)	Clear, orange to dark red-orange solution	Conforms
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	476.0 - 481.0 nm (in water)	478.8nm
Absorptivity (E1%, 1cm cell)	$\geq 440$ (at $\lambda_{max}$ )	478
Loss on Drying	$\leq 10.0\%$ (1h, 110°C)	6.40%
Assay (spectrophotometry)	$\geq 90.0\%$	97.7%

Specification Version	v1.0
Manufacture Date	2015-07-01
Re-Test Date	2027-09-13

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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