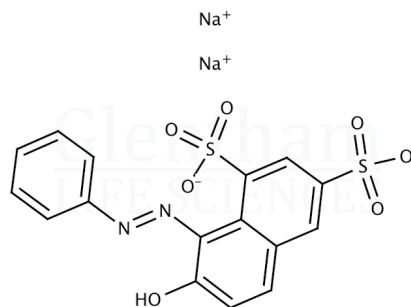


Certificate of Analysis

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 (λ_{max})	476.0 - 481.0 nm (in water)	478.8nm
Absorptivity (E1%, 1cm cell)	≥ 440 (at λ_{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 or contact us using the details above for the current version of this document.

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