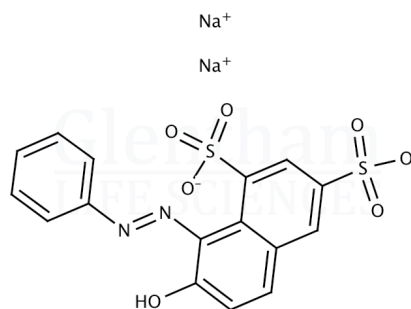


Product Specification

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

Molecular Weight	452.38
Molecular Formula	C ₁₆ H ₁₀ N ₂ Na ₂ O ₇ S ₂
Storage Temp.	+20°C



Property	Specification
Physical Description	Orange to dark orange or red powder
Solubility (0.1% in water)	Clear, orange to dark red-orange solution
Wavelength of Maximum Absorption (λ _{max})	476.0 - 481.0 nm (in water)
Absorptivity (E1%, 1cm cell)	≥ 440 (at λ _{max})
Loss on Drying	≤ 10.0% (1h, 110°C)
Assay (spectrophotometry)	≥ 90.0%

Specification Version	- v1.0
Date Created	- 2015-12-17

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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