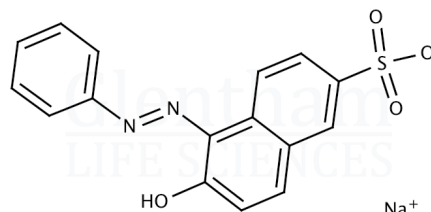


Certificate of Analysis

Product Name	Crocein Orange G
Glentham Code	GT0121
CAS Number	1934-20-9
MDL Number	MFCD00003912
PubChem SID	310270540
Batch Number	237HSG
Molecular Weight	350.32
Molecular Formula	$C_{16}H_{11}N_2NaO_4S$
Storage Temp.	+20°C



Property	Specification	Batch 237HSG
Physical Description	Orange powder	Orange powder
Solubility (0.1% in water)	Clear, orange solution	Clear, orange solution
Wavelength of Maximum Absorption (λ_{max})	482.0 - 485.0 nm (in water)	483.8 nm
Absorptivity (1%/1cm)	≥ 450 (in water, at λ_{max})	583
Loss on Drying	$\leq 10.0\%$	3.58%
Dye Content (Spectrophotometry)	$\geq 70.0\%$	89.2%

Specification Version	v1.0
Manufacture Date	2015-07-01
Re-Test Date	2029-09-17

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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