## **Glentham** LIFE SCIENCES

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

## **Certificate of Analysis**

Product Name Glentham Code CAS Number MDL Number PubChem SID Batch Number	Crocein Orange G GT0121 1934-20-9 MFCD00003912 310270540 237HSG	
Molecular Weight Molecular Formula Storage Temp.	350.32 C <sub>16</sub> H <sub>11</sub> N <sub>2</sub> NaO <sub>4</sub> S +20°C	HO Na <sup>+</sup>

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 ( $\lambda$ ma	x) 482.0 - 485.0 nm (in water)	483.8 nm
Absorptivity (1%/1cm)	≥ 450 (in water, at λmax)	583
Loss on Drying	≤ 10.0%	3.58%
Dye Content (Spectrophotometry)	≥ 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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