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Product Specification

Product Name Chromotrope 2R (C.I. 16570)

 Glentham Code
 GT8047

 CAS Number
 4197-07-3

 EINECS
 224-085-0

 MDL Number
 MFCD00003955

Colour Index 16570 PubChem SID 310270232

Molecular Weight 468.37

 $\begin{array}{ll} \text{Molecular Formula} & \quad \text{C}_{16}\text{H}_{10}\text{N}_2\text{Na}_2\text{O}_8\text{S}_2 \end{array}$

Storage Temp. +20°C

Na⁺

Property Specification

Physical Description Red to brown powder
Solubility (0.1% in methanol) Clear, red solution

Wavelength of Maximum Absorption (λmax) 505 - 515 nm (in methanol)

Absorptivity (1%/1cm) ≥ 47

Loss on Drying ≤ 10.0% (1h, 110°C)

Dye Content (Spectrophotometry) ≥ 75.0%

Specification Version - v1.1

Date Created - 2017-12-01

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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