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Certificate of Analysis

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

486YFR

 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

Batch Number

Storage Temp. +20°C

Na⁺

Property	Specification	Batch 486YFR
Physical Description	Red to brown powder	Dark red powder
Solubility (0.1% in methanol)	Clear, red solution	Conforms
Wavelength of Maximum Absorption (λma	x) 505 - 515 nm (in methanol)	511.8nm
Absorptivity (1%/1cm)	≥ 475	546
Loss on Drying	≤ 10.0% (1h, 110°C)	6.64%
Dye Content (Spectrophotometry)	≥ 75.0%	86.2%

Specification Version v1.1

Manufacture Date 2016-03-01

Re-Test Date 2027-12-01

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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