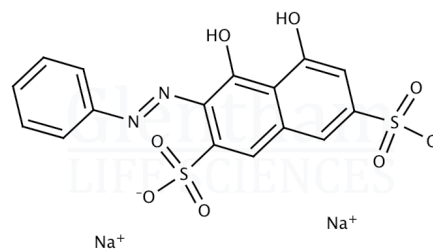


Certificate of Analysis

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
Batch Number 486YFR

Molecular Weight 468.37
Molecular Formula $C_{16}H_{10}N_2Na_2O_8S_2$
Storage Temp. +20°C



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 (λ_{max})	505 - 515 nm (in methanol)	511.8nm
Absorptivity (1%/1cm)	≥ 475	546
Loss on Drying	$\leq 10.0\%$ (1h, 110°C)	6.64%
Dye Content (Spectrophotometry)	$\geq 75.0\%$	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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