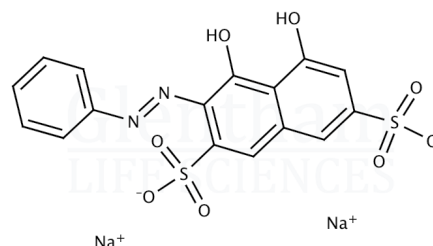


Certificate of Analysis

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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