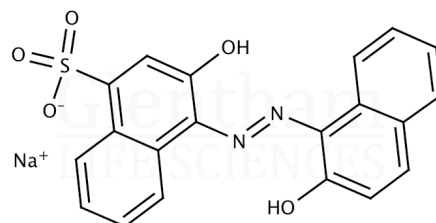


Certificate of Analysis

Product Name	Erichrome Blue Black R (C.I. 15705)
Glentham Code	GT9710
CAS Number	2538-85-4
Colour Index	15705
PubChem SID	310272628
Batch Number	858TWE
Molecular Weight	416.38
Molecular Formula	$C_{20}H_{13}N_2NaO_5S$
Storage Temp.	+20°C



Property	Specification	Batch 858TWE
Physical Description	Powder	Dark orange powder
Solubility (0.1% in 50% EtOH)	Clear, red solution	Clear, red solution
Wavelength of Maximum Absorption (λ_{max})	634.0 - 640.0 nm	636.6 nm
Absorptivity (1%/1cm)	300 - 500 (water + 5ml NH ₃ , pH 12.2, + 2ml 0.05M EDTA, at λ_{max})	414
Loss on Drying	≤ 10.0% (110°C, 1h)	7.56%

Specification Version	v1.0
Manufacture Date	2019-08-10
Re-Test Date	2030-06-11

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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