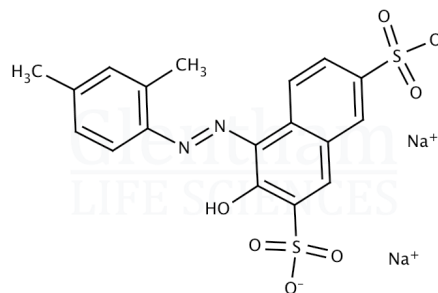


Certificate of Analysis

Product Name	Xylidine Ponceau 2R (C.I. 16150)
Glentham Code	GT1513
CAS Number	3761-53-3
EINECS	223-178-3
MDL Number	MFCD00003897
PubChem SID	310281780
Batch Number	371UBT

Molecular Weight	480.42
Molecular Formula	$C_{18}H_{14}N_2Na_2O_7S_2$
Storage Temp.	+20°C



Property	Specification	Batch 371UBT
Physical Description	Red to dark red-brown powder	Red powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (0.1% in water)	Clear, red solution	Clear, red solution
Wavelength of Maximum Absorption (λ_{max})	503.0 - 508.0 nm (water)	505.0nm
Absorptivity (1%/1cm)	≥ 420 (λ_{max} , water)	479
Loss on Drying	$\leq 9.0\%$ (110°C, 1h)	5.4%
Dye Content (Spectrophotometry)	$\geq 70.0\%$	79.8%

Specification Version	v1.1
Manufacture Date	2023-02-01
Re-Test Date	2033-11-29

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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