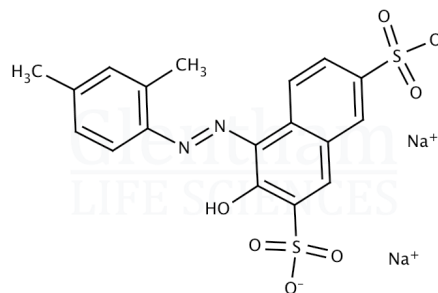


Certificate of Analysis

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 824CXZ

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



Property	Specification	Batch 824CXZ
Physical Description	Red to dark red-brown powder	Red powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in water)	Clear, red solution	Clear, red solution
Wavelength of Maximum Absorption (λ_{max})	503.0 - 508.0 nm (water)	504.0nm
Absorptivity (1%/1cm)	≥ 420 (λ_{max} , water)	476
Loss on Drying	$\leq 9.0\%$ (110°C, 1h)	4.5%
Dye Content (Spectrophotometry)	$\geq 70.0\%$	79.8%

Specification Version v1.1
Manufacture Date 2023-02-01
Re-Test Date 2033-11-07

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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