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Certificate of Analysis

Product NameXylidine Ponceau 2R (C.I. 16150)Glentham CodeGT1513CAS Number3761-53-3EINECS223-178-3MDL NumberMFCD00003897PubChem SID310281780Batch Number371UBTMolecular Weight480.42Molecular Formula $C_{18}H_{14}N_2Na_2O_7S_2$ Storage Temp.+20°CPropertySpecificationPhysical DescriptionRed to dark red-brown powerIdentification (IR)To conform to standardSolubility (0.1% in water)Clear, red solutionWavelength of Maximum Absorption (\\max) 503.0 - 508.0 nm (water)
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Solubility (0.1% in water) Clear, red solution
Wavelength of Maximum Absorption (λmax) 503.0 - 508.0 nm (water)
Absorptivity (1%/1cm) ≥ 420 (λmax, water)
Loss on Drying $\leq 9.0\%$ (110°C, 1h)
Dye Content (Spectrophotometry) ≥ 70.0%

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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