

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

Product Specification

Product Name Cresol Red sodium salt Glentham Code GT1602 **CAS Number** 62625-29-0 **EINECS** 263-654-8 MDL Number MFCD00001618 PubChem SID 310270538 404.42 Molecular Weight Molecular Formula $C_{21}H_{17}NaO_5S$ Storage Temp.

Property Specification Physical Description Red to orange or brown powder Solubility (1% in water) Clear, yellow solution 6.8 - 8.8 (yellow to purple) pH Transition Range Wavelength of Maximum Absorption (λmax1) 431.0 - 438.0 nm Wavelength of Maximum Absorption (λmax2) 569.0 - 576.0 nm 400 - 550 (λmax1, pH 6.8) Absorptivity (1%/1cm) Absorptivity (1%/1cm) 900 - 1100 (λmax2, pH 8.8) Loss on Drying ≤ 10.0% (110°C) Dye Content (Spectrophotometry) ≥ 85.0%

Specification Version - v1.0

Date Created - 2019-03-14

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025

Page 1 of 1 Printed: 2025-04-20 10:21:11