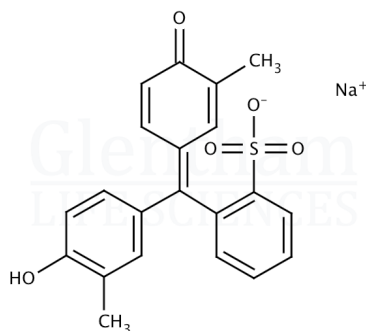


Product Specification

| | |
|---------------|------------------------|
| Product Name | Cresol Red sodium salt |
| Glentham Code | GT1602 |
| CAS Number | 62625-29-0 |
| EINECS | 263-654-8 |
| MDL Number | MFCD00001618 |
| PubChem SID | 310270538 |

| | |
|-------------------|----------------------|
| Molecular Weight | 404.42 |
| Molecular Formula | $C_{21}H_{17}NaO_5S$ |
| Storage Temp. | +20°C |



| Property | Specification |
|---|---|
| Physical Description | Red to orange or brown powder |
| Solubility (1% in water) | Clear, yellow solution |
| pH Transition Range | 6.8 - 8.8 (yellow to purple) |
| Wavelength of Maximum Absorption (λ_{max1}) | 431.0 - 438.0 nm |
| Wavelength of Maximum Absorption (λ_{max2}) | 569.0 - 576.0 nm |
| Absorptivity (1%/1cm) | 400 - 550 (λ_{max1} , pH 6.8) |
| Absorptivity (1%/1cm) | 900 - 1100 (λ_{max2} , pH 8.8) |
| Loss on Drying | $\leq 10.0\%$ (110°C) |
| Dye Content (Spectrophotometry) | $\geq 85.0\%$ |

| | |
|-----------------------|--------------|
| 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.

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