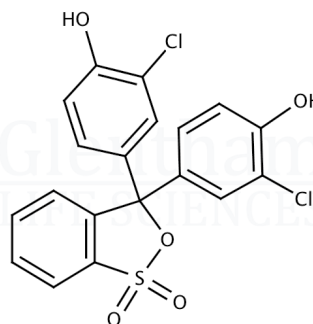


## Product Specification

|               |                  |
|---------------|------------------|
| Product Name  | Chlorophenol Red |
| Glentham Code | GT3722           |
| CAS Number    | 4430-20-0        |
| EINECS        | 224-619-2        |
| Numéro MDL    | MFCD00005877     |
| PubChem SID   | 310270027        |

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Molecular Weight  | 432.28                                                           |
| Molecular Formula | C <sub>19</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>5</sub> S |
| Storage Temp.     | +20°C                                                            |



| Property                                             | Specification                                       |
|------------------------------------------------------|-----------------------------------------------------|
| Physical Description                                 | Red to green, red-brown or brown powder or crystals |
| Solubility (0.1% in ethanol)                         | Clear, orange, dark orange or red-orange solution   |
| pH Transition Range(s)                               | 4.6 - 7.3 (yellow to purple)                        |
| Wavelength of Maximum Absorption (λ <sub>max</sub> ) | 573.0 - 577.0 nm (0.1M NaOH)                        |
| Absorptivity (1%/1cm)                                | ≥ 1500 (λ <sub>max</sub> , dried basis)             |
| Loss on Drying                                       | ≤ 8.0% (1hr at 110 °C)                              |
| Assay (spectrophotometry)                            | ≥ 90.0%                                             |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2020-11-03 |

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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