

## Product Datasheet

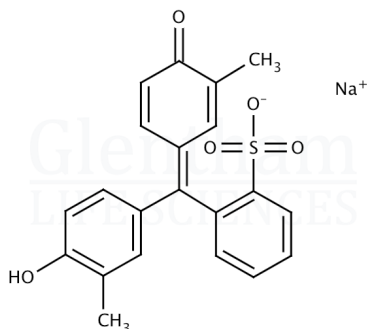
### GT1602 - Cresol Red sodium salt

#### Product Details

|                    |                             |
|--------------------|-----------------------------|
| Product Name       | Cresol Red sodium salt      |
| Glenthams Code     | GT1602                      |
| CAS Number         | 62625-29-0                  |
| EINECS             | 263-654-8                   |
| MDL Number         | MFCD00001618                |
| PubChem SID        | 310270538                   |
| Related Categories | Biochemicals, Dyes & Stains |

#### Structure

|                   |  |
|-------------------|--|
| Molecular Weight  | : 404.42   |
| Molecular Formula | : C <sub>21</sub> H <sub>17</sub> NaO <sub>5</sub> S |



|   |   |
|---|---|
| Solubility (1% in water)                              | : Clear, yellow solution                  |
| pH Transition Range                                   | : 6.8 - 8.8 (yellow to purple)            |
| Wavelength of Maximum Absorption ( $\lambda_{max1}$ ) | : 431.0 - 438.0 nm                        |
| Wavelength of Maximum Absorption ( $\lambda_{max2}$ ) | : 569.0 - 576.0 nm                        |
| Absorptivity (1%/1cm)                                 | : 400 - 550 ( $\lambda_{max1}$ , pH 6.8)  |
| Absorptivity (1%/1cm)                                 | : 900 - 1100 ( $\lambda_{max2}$ , pH 8.8) |
| Loss on Drying  | : $\leq$ 10.0% (110°C)                    |
| Dye Content (Spectrophotometry)                       | : $\geq$ 85.0%                            |
| Version   | : v1.0                                    |

#### About Cresol Red sodium salt

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

Physical Description : Red to orange or brown powder

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