## **Product Specification**



| PRODUCT         | Chlorocresol Ph. Eur.  |
|-----------------|--|
|                 | OH   |
| CAS no.         | 59-50-7  |
| C7H7CIO         | CI<br>CH <sub>3</sub>  |
| SYNONYMS        | p-Chloro-m-Cresol; para chloro meta cresol;  |
| CHARACTERISTICS | A white crystalline powder or colourless or almost colourless crystals,<br>slightly soluble in water, very soluble in alcohol, freely soluble in ether<br>and in fatty oils. It dissolves in solutions of alkali hydroxides. |

| TEST                   | SPECIFICATION  |              |  |
|------------------------|--|--------------|--|
| Content (Assay)        | 98.0% - 101.0%   |              |  |
| Identification         | Conforms to Ph. Eur. tests                                 |              |  |
| Melting Point          | 64 <sup>0</sup> – 67 <sup>0</sup> C                        |              |  |
| Appearance of Solution | The solution is clear and not more intensely coloured than |              |  |
|                        | reference solution BY <sub>6</sub>                         |              |  |
| Acidity                | Not more than 0.2ml of 0.01M NaOH is required to produce a |              |  |
|                        | pure yellow colour   |              |  |
| Related Substances     | Any single impurity  | Maximum 0.1% |  |
|                        | Total impurities   | Maximum 1.0% |  |
| Non-volatile matter    | Not more than 0.1%   |              |  |

## ENQUIRY

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