

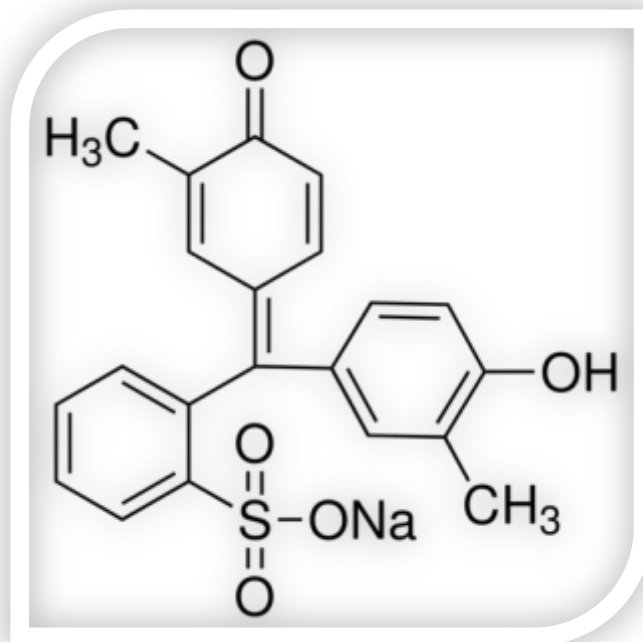
# GSP CHEMICAL INDUSTRIES

## CRESOL RED SODIUM SALT (ACS)

C.A.S. NO.	62625-29-0
M.F.	C <sub>21</sub> H <sub>17</sub> O <sub>5</sub> Na
M.Wt.	404.42gm/mole

### SPECIFICATIONS:

Dye content	> 90%
Solubility 0.1% (Dist. Water)	Clear solution
Transition range	pH 6.8-8.8 Yellowish – Purple
Absorption maximum (pH 6.8) $\lambda_{3max}$	432 – 437 nm
Absorption maximum (pH 8.8) $\lambda_{4max}$	571 – 575 nm
Absorptivity (A1%1cm at pH 6.8 at $\lambda_{3max}$ )	460 – 520
Absorptivity (A1%1cm at pH 8.8 at $\lambda_{4max}$ )	950 – 1050



Loss on drying (110°C)	< 5 %
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GSP Chemical Industries warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [gspchem.com](http://gspchem.com). For further inquiries, please contact [gspchem@gmail.com](mailto:gspchem@gmail.com). Purchaser must determine the suitability of the product for its particular use.