

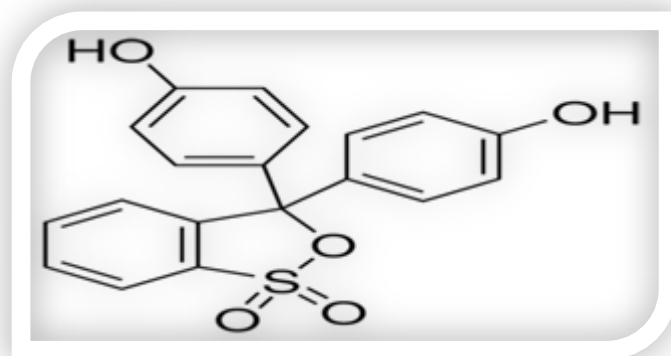
# GSP CHEMICAL INDUSTRIES

## PHENOL RED SODIUM SALT(ACS)

C.A.S. NO.	34487-61-1
M.F.	C <sub>19</sub> H <sub>13</sub> O <sub>5</sub> Na
M.W.	376.36 gm/mole

### SPECIFICATIONS:

Dye Content	> 90%
Solubility 0.1 % (Water)	Clear solution
Transition Range	pH 6.5 - 8.2 Yellow - Reddish Violet
Absorption Maximum (pH 6.5) $\lambda_{1max}$	430 - 435nm
Absorption maximum (pH 8.2) $\lambda_{2max}$	557 - 560nm
Absorptivity (A1%/1cm at pH 6.5 at $\lambda_{1max}$ )	560 - 620
Absorptivity (A1%/1cm at pH 8.2 at $\lambda_{2max}$ )	970 - 1100
Loss On Drying (110oC)	< 5%



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.