

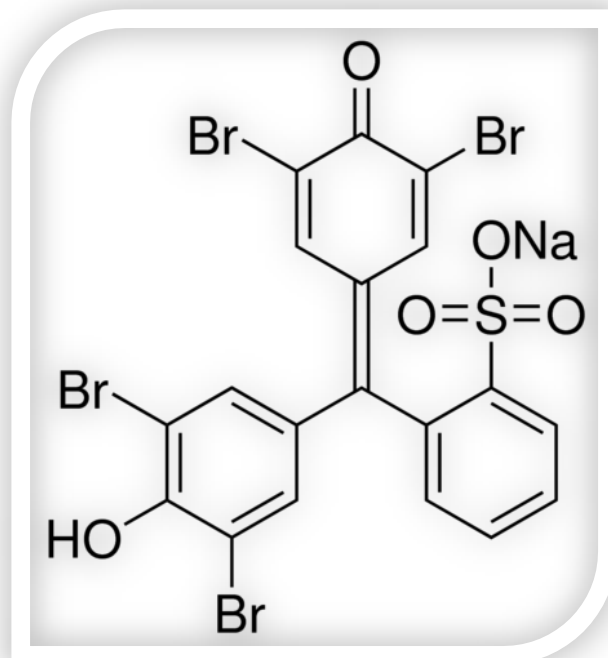
# GSP CHEMICAL INDUSTRIES

## BROMOPHENOL BLUE SODIUM SALT (ACS)

C.A.S. NO.	34725-61-6
M.F.	C <sub>19</sub> H <sub>9</sub> Br <sub>4</sub> SO <sub>5</sub> Na
M. Wt.	691.97gm/mole

### SPECIFICATIONS:

Dye content	> 90%
Solubility 0.1%( Water )	Clear solution
Transition range	pH 3.0 – 4.6 Greenish yellow – Blue violet
Absorption maximum (pH 3.0) $\lambda_{1max}$	434 – 439 nm
Absorption maximum (pH 4.6) $\lambda_{2max}$	590 – 592 nm
Absorptivity (A1%/1cm at pH 3.0 at $\lambda_{1max}$ )	320 – 370
Absorptivity (A1%/1cm at pH 5.4 at $\lambda_{2max}$ )	880 - 980
Loss on drying (110°C)	< 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.