

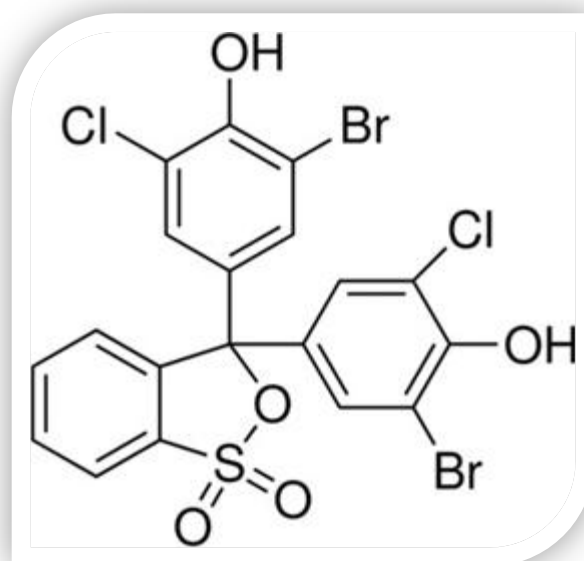
# GSP CHEMICAL INDUSTRIES

## BROMOCHLOROPHENOL BLUE SODIUM SALT

C.A.S. NO.	102185-52-4
M.F.	C <sub>19</sub> H <sub>9</sub> Br <sub>2</sub> O <sub>5</sub> Na
M. Wt.	603.06gm/mole

### SPECIFICATIONS:

Dye content	> 90%
Solubility (in Water)	Clear solution
Transition range	pH 3.0–4.5 Greenish yellow – Blue - violet
Absorption maximum (pH 3.0) λ <sub>1</sub> max	433 – 437 nm
Absorption maximum (pH 4.5) λ <sub>2</sub> max	590 – 592 nm
Absorptivity (A1%/1cm at pH 3.0 at λ <sub>1</sub> max)	370-400
Absorptivity (A1%/1cm at pH 4.5 at λ <sub>2</sub> max)	900-1000
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.