

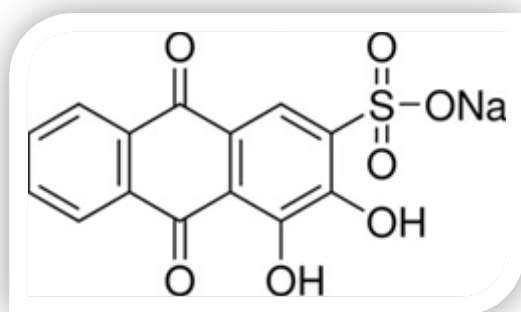
# GSP CHEMICAL INDUSTRIES

## ALIZARIN RED S

C.A.S. No.	130-22-3
CI NO.	58005
M.F.	C <sub>14</sub> H <sub>6</sub> Na <sub>2</sub> O <sub>7</sub> S

### SPECIFICATIONS:

Dye content	> 70%
Transition range	pH4.3 – 6.3 Yellow – pink pH 9.4- 12.0 Brown orange- violet
Solubility 0.1%( water)	Clear Solution
Absorption maximum in 0.1N NaOH λ <sub>1</sub> max	553-559 nm
Absorption maximum 0.1N NaOH λ <sub>2</sub> max	592- 599nm
Absorptivity (A1%/1cm at 556 λ <sub>1</sub> max)	> 350
Absorptivity (A1%/1cm at 595 λ <sub>2</sub> max)	> 325
Loss on drying (110oC)	< 5 %
Suitability for microscopy	To passes test
M.W.	360.28gm/mole



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.