

GSP CHEMICAL INDUSTRIES

ALIZARIN RED S

C.A.S. No.	130-22-3
CI NO.	58005
M.F.	$C_{14}H_6Na_2O_7S$
M.W.	360.28gm/mole

SPECIFICATIONS:

Dye content	> 70%
Transition range	pH 4.3 – 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_1 max	553-559 nm
Absorption maximum 0.1N NaOH λ_2 max	592-599nm
Absorptivity (A1%/1cm at 556 λ_1 max)	>350
Absorptivity (A1%/1cm at 595 λ_2 max)	>325
Loss on drying (110°C)	<5 %
Suitability for microscopy	To passes test



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. For further inquiries, please contact gspchem@gmail.com . Purchaser must determine the suitability of the product for its particular use.