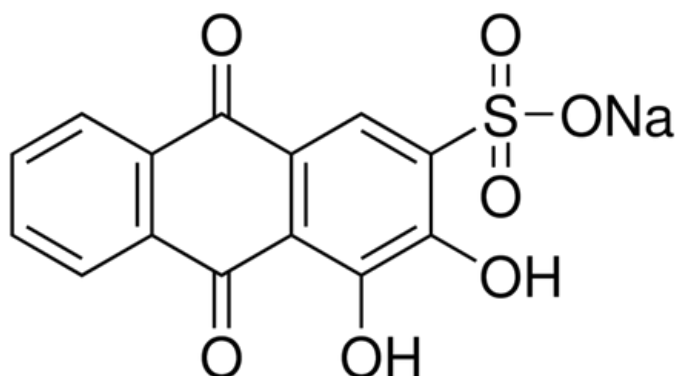


## ALIZARIN RED S



C.A.S. No.	130-22-3
C.I. No.	58005
Molecular Weight	360.28g/mole
Solubility 0.1% (Dist. Water)	Clear Solution
Transition range	pH 4.3 - pH 6.3
	Brilliant Yellow - Pink
	pH 9.4 - pH 12.0
	Brown orange - Violet
Absorption maximum (in 0.1N NaOH)	553 - 559nm
Absorptivity 1%/1cm, in 0.1N NaOH	>350
Absorption maximum (in 0.1N NaOH)	592 - 599nm
Absorptivity 1%/1cm, in 0.1N NaOH	>325
Dye content (by Spectrophotometry)	> 70%
Loss On Drying at 110 degrees C (1hr)	< 5%