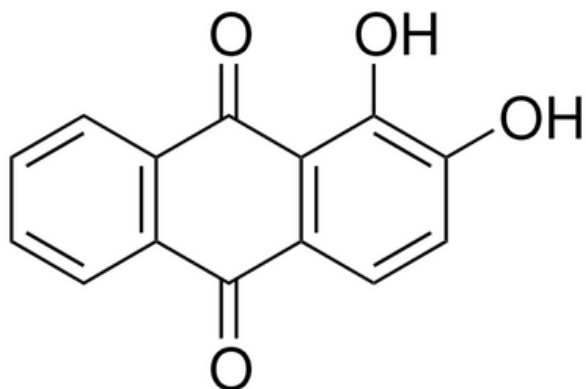


ALIZARIN



C.A.S. No.	72-48-0
C.I. No.	58000
Molecular Weight	240.21 g/mole
Transition range	pH 5.5 - 6.8
	Yellow - Red
Absorptivity 1%/ 1cm (0.1N NaOH)	> 458
Dye content (by Spectrophotometry)	> 97%
Wavelength (c=0.01 g/L; 0.1N NaOH)	
Extinction Coefficient at (606-612nm)	>11000
Extinction Coefficient at (564-570nm)	>12000
Extinction Coefficient at (268-274nm)	>26000
Extinction Coefficient at (227-233nm)	>13000
Solubility (Turbidity) c=1 mg/ml, 1N NH ₄ OH	Clear to Turbid
Solubility (Color)	Purple to Very Dark purple
Loss On Drying at 110 degrees C (1hr)	< 3%