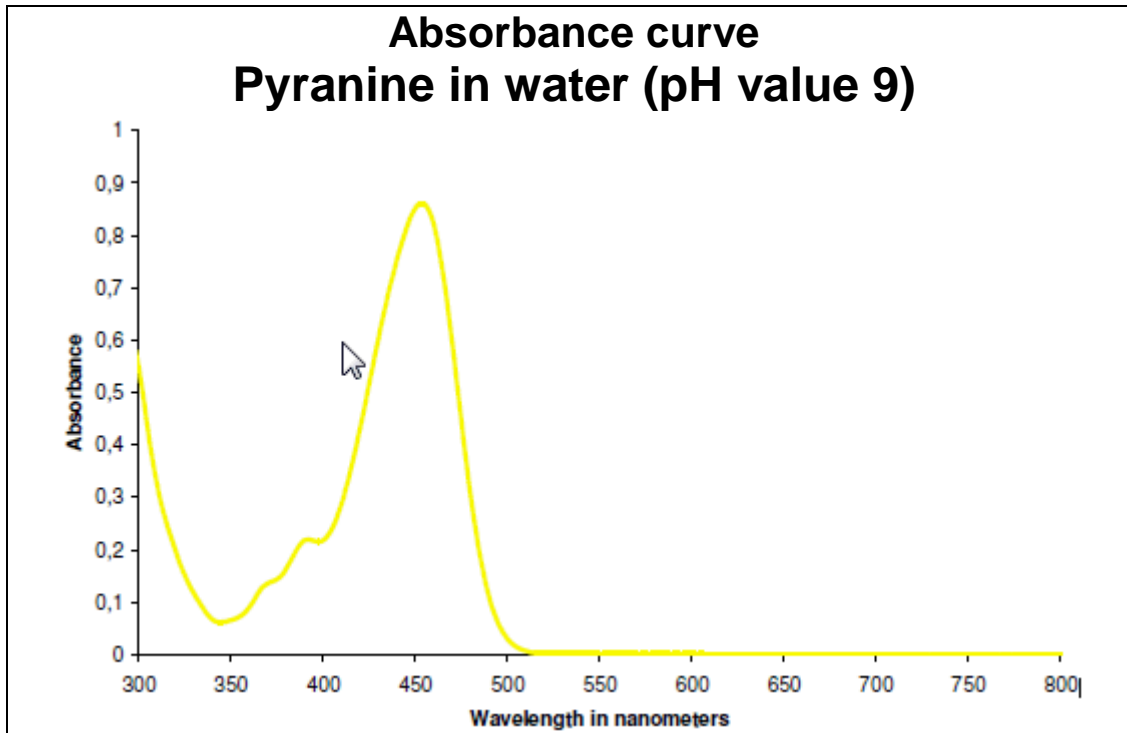


PYRANINE 120%

General properties	Brilliant yellow dye with strong greenish fluorescence in alkaline solutions for ink, detergent and tracing applications Complies with EN 71-3 and 71-9 (toy safety regulations) Complies with purity criteria for colorants used in cosmetics Complies with FDA specifications for D&C Green 8
Color Index Part I	Solvent Green 7
Color Index Part II	59040
Chemical class	Sodium salt of 3-hydroxy pyrene-trisulfonic acid
Appearance	Yellow powder
Color strength tolerance	± 5%
pH (10% in water)	4 – 5
Salt content	< 15%
Lightfastness	1
Solubility (g/L at 25 °C)	Water 300 Diethylene glycol 100 Glycerol 100
Maximum absorption	pH 9: 450 nm pH 3: 290 nm
Maximum emission	pH 9: 520 nm pH 3: 520 nm
Applications	Office supplies (water-based inks, yellow highlighters) Alkaline cleaning agents, shampoos, soaps Tracing agent in water and heating systems
Stability	Storage stability: 60 months from delivery ex plant. Contains no dedusting agents Strong fluorescence at pH> 9 Pyranine 120% (0.01% aqueous solution) is stable against strong bases



Absorbance curve Pyranine in water (pH value 9)



® = registered trade mark

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