



Eosin Yellow Sodium Salt

Biological Stain, wastewater treatment

Eosin Y is a biological stain and used in fluorescent methods. This dye is used in microbial culture media. Eosin Y also used for identifying copper *in vivo*. Eosin Y with benzalkonium chloride can be an effective agent for treatment of wastewater. As a biological stain, the optimum concentration of Eosin Y is 1 % in H₂O.

Cat. Number	ASC-1007
CAS Number	17372-87-1
MDL Number	MFCD00005040
Color Index	45380
Pubchem	310272570
Molecular Weight	691.86 gr/mol
Molecular Formula	C ₂₀ H ₆ Br ₄ Na ₂ O ₅
Storage Temperature	20 °C
Form and Color	Powder / Dark red to brown
Solution Appearance (1 % in water)	Clear, Dark red
Absorption Ratio (λ max \pm 15nm)	1.25 – 1.75
Purity	\geq 95 %
Wavelength of Maximum Absorption	515 - 518 nm
Loss on Drying	\leq 8 %