



SPECIFICATION SHEET

Product Name : Eosin Yellow, (C.I. 45380) for microscopy
Product Number : 919.D03
Brand : ISOLAB
CAS Number : 17372-87-1
Formula : $C_{20}H_6Br_4Na_2O_5$
Formula Weight : 691.86 g/mol

TEST NAME	SPECIFICATION	UNIT
Appearance	Brownish red fine powder	
Dye content (Spectrophotometry)	≥ 90 %	%
Absorption maxima	515 - 518 nm	nm
Absorptivity (A1%, 1 cm in water at λ_{max})	1200 - 1400	
Loss on drying (110 °C)	≤ 8 %	%
Solubility 0.1% (Water)	Clear solution	
Suitability for microscopy	passes test	
Copper (Cu)	≤ 0.005 %	%
Iron (Fe)	≤ 0.005 %	%
Nickel (Ni)	≤ 0.005 %	%
Lead (Pb)	≤ 0.005 %	%

Quality Management
Isolab Laborgerate GmbH

