

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Eosin Yellow 90% Dye Content (water soluble) For Microscopy

Catalog Number : L-1211

Batch Number : 1211-00000000

CAS Number : 17372-87-1

Molecular Weight: 691.86 g/mol

Mol. Formula : $C_{20}H_6Br_4Na_2O_5$

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Brownish red fine powder	Brownish red fine powder
2	Dye content (by spectrofotometry)	min 90 %	93.00%
3	Absorption maximum λ max (water)	515 - 518 nm	518 nm
4	Spec.Absorptivity A1%/1 cm (λ max; 0.005 g/l ;water)	1200 - 1400	1320
5	Loss on drying (110 °C)	max 8.0 %	3.00%
6	Solubility (0.1 % in water)	Clear solution	complies
7	Copper (Cu)	max 0.005 %	0.0024%
8	Iron (Fe)	max 0.005 %	0.0006%
9	Nickel (Ni)	max 0.005 %	0.002%
10	Lead (Pb)	max 0.005 %	0.001%
11	Suitability (for microscopy)	passes test	Passes

Corresponds to Microscopy Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIROS S.Si.
Manager QC