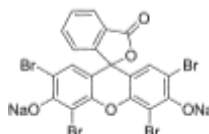


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

EOSIN YELLOW 90% DYE CONTENT FOR MICROSCOPY

2',4',5',7'-Tetrabromofluorescein disodium salt



Product Code	L-1211	Grade	For Microscopy
Purity	90 %	CAS No	17372-87-1
Molecular Formula	C ₂₀ H ₆ Br ₄ Na ₂ O ₅	Molecular Weight	691,88 g/mol
H.S.Code	3204.9000	Shelf Life	60 Months

Physical Properties

Physical state	Powder	pH value	< 1 at 20°C
Colour	Brown	Partition coefficient: noctanol/water	log Pow: -1,33
Melting point	255 - 270 °C at 977,9 hPa	Relative Density	0,78 g/cm ³ at 27,05 °C at 978,5 hPa
Water solubility in water	131,43 g/l at 25 °C - completely soluble	Explosion limits-lower (%)	1,6 %
Flash point	191,6 °C		

Packaging

25 gram

Specification

Appearance	Brownish red fine powder
Dye content (by spectrophotometer)	min 90 %
Absorption maximum λ max (water)	515 - 518 nm
Solubility (0.1 % in water)	Clear solution
Spec.Absorptivity (A1%/1 cm (λ max; 0.005 g/l ;water)	1200 - 1400
Loss on drying (110 °C)	max 8.0 %
Suitability for microscopy	passes test
Copper (Cu)	max 0.005 %
Iron (Fe)	max 0.005 %
Nickel (Ni)	max 0.005%
Lead (Pb)	max 0.005 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: H319-H317

Precaution Statement: P261-P264-P272-P280-P302+P352-P305+P351+P338