


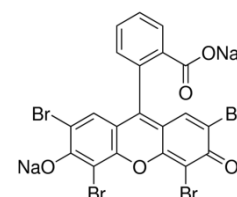


Product Specification

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EOSINE YELLOW INDICATOR FOR MICROSCOPY WATER SOLUBLE

PRODUCT CODE	293725
SYNONYMS	(Eosin G; Acid Red 87)
C.I. NO.	45380
CASR NO.	(17372-87-1)
ATOMIC OR MOLECULAR FORMULA	C₂₀H₆Br₄Na₂O₅
ATOMIC OR MOLECULAR WEIGHT	691.88
PROPERTIES	Indicator and Microscopic stain.
PARAMETER	LIMIT
Description	Red powder with a bluish tinge or brownish-red powder
Solubility	0.05% solution in water should be clear and complete.
Dye Content (Gravimetric; on dried substance)	About 88.0%
Absorption Maximum (in water+1 ml 1% Na ₂ CO ₃)	515 - 518 nm
Absorption Ratio (A λ max - 15 nm)	1.21 - 1.77
(A λ max + 15 nm)	
Absorptivity (A1% / 1 cm at λ max, in water + 1 ml 1% Na ₂ CO ₃)	1200 - 1400
Suitability for microscopy	To pass the test.
MAXIMUM LIMIT OF IMPURITY	
Loss on drying (at 110°C)	8.0 %
Note(s) : Assay (if applicable) method mentioned.	
WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	IMDG Code : -- UN No. : -- IATA : --
PRECAUTIONARY STATEMENTS Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position. comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use	
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped	
Hazard Pictogram(s) :	 GHS07



Replace date 30-May-2023