



## EOSINE YELLOW INDICATOR FOR MICROSCOPY WATER SOLUBLE

<b>PRODUCT CODE</b>	<b>R01777</b>	
<b>SYNONYMS</b>	<b>(Eosin G; Acid Red 87)</b>	
<b>C.I. NO.</b>	<b>45380</b>	
<b>CASR NO.</b>	<b>(17372-87-1)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>20</sub>H<sub>6</sub>Br<sub>4</sub>Na<sub>2</sub>O<sub>5</sub></b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>691.88</b>	
<b>PROPERTIES</b>	<b>Indicator and Microscopic stain.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
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 <sub>2</sub> CO <sub>3</sub> )	515 - 518 nm	
Absorption Ratio (A λ max - 15 nm)	1.21 - 1.77	
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(A λ max + 15 nm)		
Absorptivity (A1% / 1 cm at λ max, in water + 1 ml 1% Na <sub>2</sub> CO <sub>3</sub> )	1200 - 1400	
Suitability for microscopy	To pass the test.	
<b>MAXIMUM LIMIT OF IMPURITY</b>		
Loss on drying (at 110°C)	8.0%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b> <b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. <b>PRECAUTIONARY STATEMENTS</b> <b>Prevention:</b> 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. <b>Response:</b> 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		IMDG Code : -- UN No. : -- IATA : --
<b>Disposal :</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped		
Hazard Pictogram(s) :		
 GHS07		

Replace Date 1 April 2023

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