

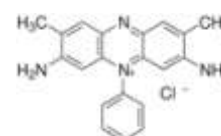


Product Specification

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SAFRANINE O FOR MICROSCOPY

PRODUCT CODE	034067
SYNONYMS	--
C.I. NO.	50240
CASR NO.	(477-73-6)
ATOMIC OR MOLECULAR FORMULA	C ₂₀ H ₁₉ ClN ₄
ATOMIC OR MOLECULAR WEIGHT	350.85



PROPERTIES Soluble in water and methyl cellosolve; less soluble in ethanol, ethylene glycol and pyridine.

PARAMETER LIMIT

Description	A Green to black /dark reddish brown powder.
Solubility	0.1% Solution in water is clear and dark red to very dark red.
Dye Content (Spectrophotometry; on dried substance)	About 90.0%
Absorption maxima (in 50% ethanol)	525 - 535 nm
Absorption ratio (A λ max - 15 nm) / (A λ max + 15 nm)	1.10 - 1.32
Absorptivity (A1% / 1 cm at λ max, in 50% ethanol)	1120 - 1450
Suitability for microscopy	To pass the test.

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	10.0%
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Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :---

IMDG Code :
UN No. :
IATA :

Replace Date 28-Oct-2022