

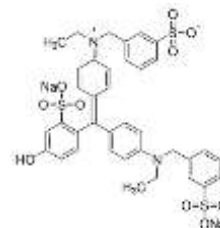


Product Specification

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FAST GREEN FCF FOR MICROSCOPY

PRODUCT CODE	296205
SYNONYMS	--
C.I. NO.	42053
CASR NO.	(2353-45-9)
ATOMIC OR MOLECULAR FORMULA	$C_{37}H_{34}N_2Na_2O_{10}S_3$
ATOMIC OR MOLECULAR WEIGHT	808.85
PROPERTIES	Very soluble in water; soluble in ethanol.



PARAMETER	LIMIT
Dye Content (Titanometry; on dried substance)	> 85.0%
Absorption Maximum (20ppm in 50% Ethanol)	622 nm to 626 nm
Absorption Ratio (A λ_{max} - 15 nm) / (A λ_{max} + 15 nm)	0.98 - 1.20
Absorptivity (A1% / 1 cm at λ_{max} , in ethanol 50%)	1360 - 1610
TLC Examination	To pass the test.
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 : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

IMDG Code : --

UN No. : --

IATA : --

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07

Replace date 16-Oct-2024