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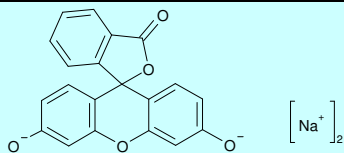
Quality Control Dept.



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Product Specification

E Control	QC2.DATAD\DA\PS\30050XPS.xls
PRODUCT CODE	30050
PRODUCT NAME	FLUORESCEIN SODIUM (A.I. & M.S.)
SYNONYMS	(Uranin)
C.I. NO.	45350
CASR NO.	(518-47-8)
ATOMIC OR MOLECULAR FORMULA	C ₂₀ H ₁₀ Na ₂ O ₅
ATOMIC OR MOLECULAR WEIGHT	376.3
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	Orange red fine powder
Solubility	Freely soluble in water, soluble in ethanol (96 %)
Minimum Assay (Spectrophotometric in Buffer pH 8.0, calculated on dried basis)	98%
pH of 2% soln. in water	7.0 to 9.0
Absorption Maximum (in pH 8.0)	490 - 492 nm
Absorptivity (A1% / 1cm at λ max; in pH 8.0,ondried substance)	Min. 1850
Sensitivity (as adsorption indicator)	To pass the test.
Loss on drying (at 110 °C)	Max. 10.0%

MAXIMUM LIMIT OF IMPURITIES

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : May be harmful if swallowed. Precautionary statements Prevention : ---- Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	IMDG Code : ---- UN No. : ---- IATA : ----
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Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) : ----

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 04
Sign. :	Sign. :	Sign. :	Revision dt. : 14.05.2013.
Date : 06.05.2013.	Date : 06.05.2013.	Date : 14.05.2013.	AMEND NO. : 1633.

