

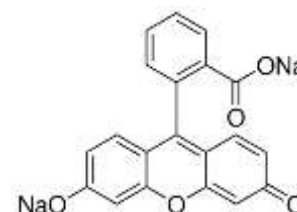


Product Specification

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FLUORESCEIN SODIUM

PRODUCT CODE	296985
SYNONYMS	(Uranin)
C.I. NO.	45350
CASR NO.	(518-47-8)
ATOMIC OR MOLECULAR FORMULA	C₂₀H₁₀Na₂O₅
ATOMIC OR MOLECULAR WEIGHT	376.3
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	Orange red fine powder
Solubility	Freely soluble in water, soluble in ethanol (96 %)
Identification	Passes tests
Appearance of solution	Passes test
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.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C)	10.0%
Water (by K/F)	17.0%
Chlorform Soluble matter	0.1%
Chloride	0.25%
Sulphate	1.0%
Acriflavine	Passes test
Dimethylformamide	Passes test
Related Substance	Passes test
Resorcinol	Passes test
Zinc	Passes test

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.

Disposal:-----

Hazard Pictogram(s) :

IMDG Code :
UN No. :
IATA :

Replace date 29-May-2023