



# Product Specification

cdhfinechemical.com

## FLUORESCIEIN

**PRODUCT CODE** 028406

**SYNONYMS** --

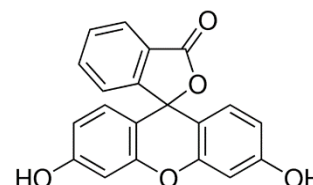
**C.I. NO.** 45350

**CASR NO.** (2321-07-5)

**ATOMIC OR MOLECULAR FORMULA** C<sub>20</sub>H<sub>12</sub>O<sub>5</sub>

**ATOMIC OR MOLECULAR WEIGHT** 332.31

**PROPERTIES** Insoluble in water, benzene, chloroform, ether.  
Soluble in hot alcohol or glacial acetic acid.



### PARAMETER LIMIT

Description Orange to brown powder.

Absorption Maxima (20 ppm in 0.1N NaOH) 490 -499 nm

Suitability for microscopy To pass the test.

### MAXIMUM LIMIT OF IMPURITIES

Sulphated Ash 0.5%

Moisture 5.0%

**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.

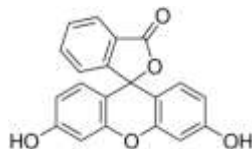
Hazard Pictogram(s) :

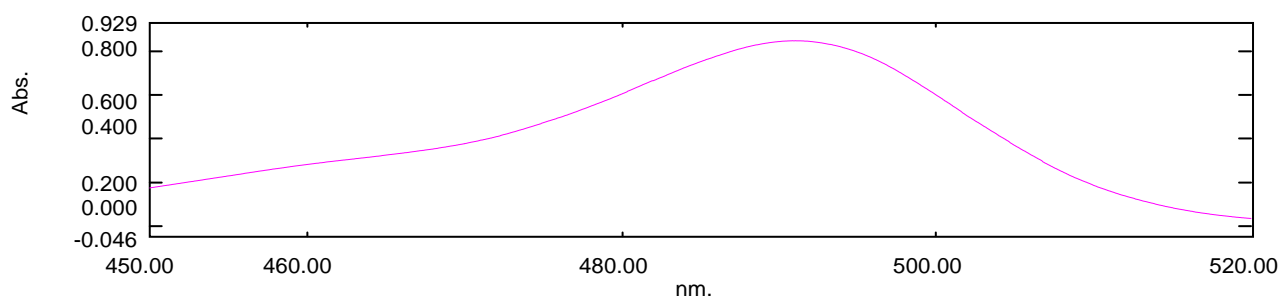


GHS07

Replace Date 03-06-2021

## FLUORESCEIN

PRODUCT CODE	028406	Batch No. : 240422
SYNONYMS	--	Mfg. : Apr. 2022
C.I. NO.	45350	Retest : Mar. 2027
CASR NO.	(2321-07-5)	
ATOMIC OR MOLECULAR FORMULA	C <sub>20</sub> H <sub>12</sub> O <sub>5</sub>	
ATOMIC OR MOLECULAR WEIGHT	332.31	
PROPERTIES	Insoluble in water , benzene, chloroform, ether. Soluble in hot alcohol or glacial acetic acid.	



PARAMETER	LIMIT	OBSERVED
Description	Orange to brown powder.	Complies
Absorption Maxima (20 ppm in 0.1N NaOH)	490 -499 nm	491.05 nm
Suitability for microscopy	To pass the test.	Passes test
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Sulphated Ash	0.5%	0.4%
Moisture	5.0%	3.2%

**Remarks :** Sample complies as per above specification.

ANALYST

MANAGER (Q.C.)