



CERTIFICATE OF ANALYSIS

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1. Identification

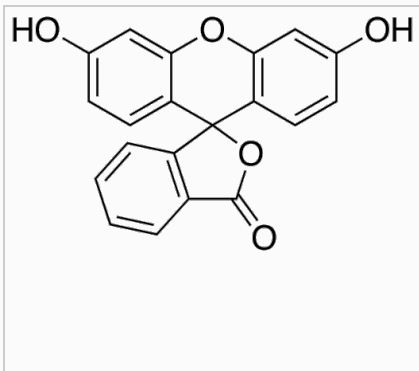
Catalogue Number: F485250

CAS Number: 2321-07-5

Product: Fluorescein

Synonym: 3',6'-Dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one; 3',6'-Fluorandiol; 3,6-Dihydroxyspiro[xanthene-9,3'-phthalide]; Resorcinolphthalein; 9-(o-Carboxyphenyl)-6-hydroxy-3-isoxanthenone; 3',6'-Dihydroxyfluoran; 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic Acid; C.I. 45350:1; C.I. Solvent Yellow 94; D and C Yellow No. 7; D&C Yellow No. 7; Fluorescein Acid; Japan Yellow 201; Japan Yellow No. 201; NSC 667256; Solvent Yellow 94; Yellow Fluorescein;

Structure:



Molecular Formula:

C₂₀H₁₂O₅

Molecular weight:

332.31

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-AFB-141-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red to Dark Brown Solid	Dark Red Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.48% (225 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	9/11/2023	9/9/2027
				