



CERTIFICATE OF ANALYSIS

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1. Identification

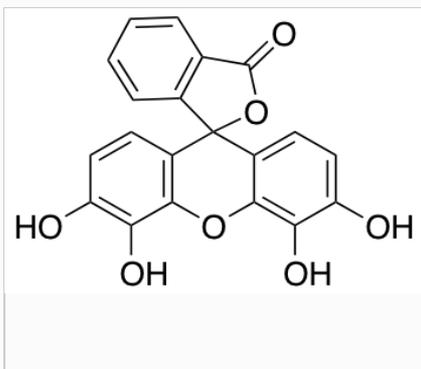
Catalogue Number: G190553

CAS Number: 2103-64-2

Product: Gallein

Synonym: 3',4',5',6'-Tetrahydroxyspiro[isobenzofuran-1(3H),9'-(9H)xanthen]-3-one; Alizarine Violet; C.I. 45445; C.I. Mordant Violet 25; Mordant Violet 25; NSC 56445; NSC 622478; NSC 8668; Pyrogallolphthalein

Structure:



Molecular Formula:

C₂₀H₁₂O₇

Molecular weight:

364.31

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 5-CAL-133-1

Purity: 95%

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	Black Solid	Black Solid
NMR	Conforms to Structure	Conforms
UV Absorbance	Report Result	192 nm, 198 nm, 228 nm
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 63.21, %H: 3.33

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	11/20/2023	11/18/2027