



CERTIFICATE OF ANALYSIS

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1. Identification

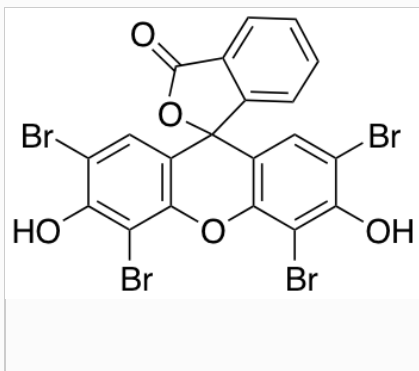
Catalogue Number: E561015

CAS Number: 15086-94-9

Product: Eosin Acid C.I. No. 45380 (Technical Grade)

Synonym: 2',4',5',7'-tetrabromofluorescein; 2',4',5',7'-Tetrabromo-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one; 2',4',5',7'-Tetrabromofluorescein; 3,6-Dihydroxy-2,4,5,7-tetrabromospiro[xanthene-9,3'-phthalide]; AMI 5; C.I. 45380:2; C.I. Solvent Red 43; D and C Red No. 21; D&C Red 21; D&C Red No. 21; Eosin Y spirit soluble; Eosin acid; Eosine acid; Japan Red 223; Japan Red No. 223; NSC 244436; Red 21; Red No. 223; Solvent Red 43

Structure:



Molecular Formula:

C₂₀H₈Br₄O₅

Molecular weight:

647.9

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711939324-1-1

Purity: Technical Grade

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Orange to Orange Solid	Light Orange to Orange Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	204 nm, 229 nm, 306 nm, 499 nm, 530 nm

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
Nicole Yip	Toni Rantanen	Chanell Chu	1/22/2024	1/20/2028
				