



CERTIFICATE OF ANALYSIS

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1. Identification

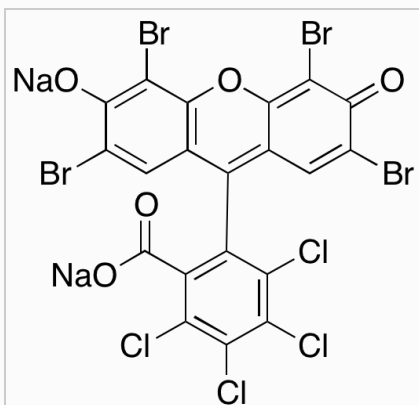
Catalogue Number: P340008

CAS Number: 18472-87-2

Synonym: 11969 Red; 3427 Veri Pur Pink; Acid Red 92; Aizen Acid Phloxine PB; C.I. 45410; C.I. Acid Red 92; Cyanosin; Cyanosin (acid dye); Cyanosin B; Cyanosine; D and C Red No. 28; D&C Red 28; D&C Red 28-308267; D&C Red No. 28; D&C Red No. 28-15347; D&C Red No. 28-38015; Daiwa Red 104WB; Daiwa Red 45; DermaGlo DG-R 428; Disodium 9-(3',4',5',6'-Tetrachloro-o-carboxyphenyl)-6-hydroxy-6-hydroxy-2,4,5,7-tetrabromo-3-isoxanthone; Eosin blue; Eosin bluish; Eosine blue; Eosine bluish; Food Red 104; Food Red No.

Product: Phloxine B

Structure:



Molecular Formula:

$C_{20}H_2Br_4Cl_4Na_2O_5$

Molecular weight:

829.63

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-EDT-134-1

Purity: 97%

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	Red to Very Dark Red Solid	Red to Very Dark Red Solid
Water Content	Report Result	7.9% by Karl Fischer
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 26.49, %H: 1.00
HPLC Purity	Report Result	98.95% (543 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 $\pm 2\%$. 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
Swathi Reddy	Henry Tieu	Chanell Chu	7/13/2021	7/11/2025
				