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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

Product Name: Erythrosine

Identification:

Chemical Name: 2-(2,4,5,7-Tetraiodo-6-oxido-3-oxo-3H-xanthen-9-yl)benzoate, sodium salt (1:2)

Synonyms : NA

CAS Number : 16423-68-0

CAT Number : CP-T121005

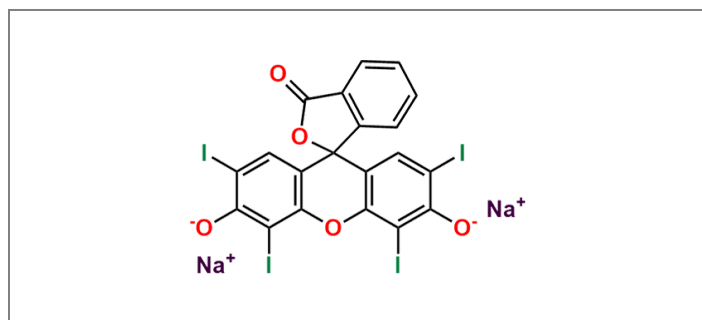
Molecular Formula : C₂₀H₆I₄O₅ : 2(Na)

Molecular Weight : 833.9 : 2(23.0)

Batch Number : CP-ERY-IN-0724

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Red Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	85.3%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	0.025 %
7)	Potency by TGA	85.27%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.