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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

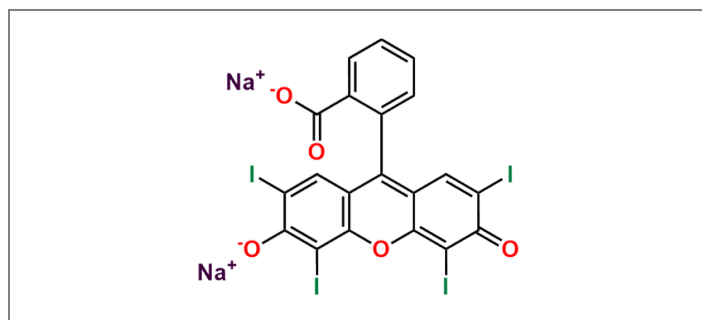
Molecular Formula : C<sub>20</sub>H<sub>6</sub>I<sub>4</sub>O<sub>5</sub> : 2(Na)

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)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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