

## ERYTHROSINE – PRODUCT DATASHEET

Product Name	ERYTHROSINE
Colour Shade	Pink / Red
Synonyms	Food Red - 14
Chemical Name	Disodium 2-(2,4,5,7-tetraiodo-3-oxido-6-oxoxanthen-9-yl) benzoate monohydrate
C.I. No	45430
C.I. Name	Acid Red - 51
FDA Status	FD&C; Red - 3
CAS No.	16423-68-0
EINECS No.	240-474-8
E. Number	E-127

Sr. No.	Test	Limit
1	Total colouring matters calculated as the sodium salt, percent by mass	Min. 87.00
2	Water insoluble matter, percent by mass	Max 0.20
3	Combined ether extract, percent by mass	Max 0.20
4	Subsidiary colouring matters (except fluorescein), percent by mass	Max 4.00
5	Inorganic iodides calculated as sodium iodide, percent by mass	Max 0.10
6	Fluorescein, mg/kg	Max 20.00
7	Organic compounds other than colouring matters, percent by mass. (a) Triiodofluorescein (Max 0.20); (b) 2-(2,4-dihydroxy-3,5-diiodobenzoyl) benzoic acid (Max 0.20)	—
8	Heavy metals as Pb, mg/kg	Max 40
9	Arsenic, mg/kg	Max 3
10	Lead, mg/kg	Max 2
11	Mercury, mg/kg	Max 1
12	Cadmium, mg/kg	Max 1