

SPECIFICATION OF MAHACOL ERYTHROSINE

PRODUCT DESCRIPTION	
Brand Name	Mahacol Erythrosine
C.I. Name	Food Red 14
C.I. No.	45430
CAS Registry No.	16423-68-0
EU No.	240-474-8
Molecular Weight	897.88
Chemical Formula	C ₂₀ H ₆ I ₄ Na ₂ O ₅
E. E. C. NO.	E-127

No.	CHARACTERISTIC	
1)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	87.00
2)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max	13.00
3)	Water-insoluble matter, percent by mass, Max.	00.20
4)	Combined ether extracts, percent by mass, Max.	00.20
5)	Subsidiary dyes, percent by mass, Max.	04.00
6)	Dye intermediates, percent by mass, max.	00.40
7)	Unsulphonated primary aromatic amine (calculated as aniline) Percent by mass, max.	00.01
8)	Lead, mg/kg, Max.	10.00
9)	Arsenic, mg/kg, Max.	01.00
10)	Heavy metals, (as pb) mg/kg, max	40.00
11)	Mercury, mg/kg, Max.	01.00
12)	Chromium, mg/kg, Max.	05.00
13)	Cadmium, mg/kg, Max.	01.00

SOLUBILITY TO	
Acids	Very Weak
Neutral	Excellent
Alkaline	Good
Baking 205°C (400oF)	Good
Light	Better
Heat	Better



SOLUBILITY AT ROOM TEMPERATURE	
Water (gm/ltr)	70.00
Glycerin (gm/ltr)	20.00
Propylene Glycon (gm/ltr)	50.00
Ethanol (95%) (gm/ltr)	15.00

STANDARD PACKAGING	
25 Kgs / 20 Kgs / 10 Kgs	Paper Bags / HDPE Bags
25 Kgs / 20 Kgs	Fiber Drum / Plastic Drum
Big Bags type	On Request

FOR, MAHAVIR INDUSTRIES



PARTNER

CERTIFICATIONS



REGISTERED OFFICE: 1007-1008, DEV ATELIER COMPLEX, NR. SEEMA HALL, PRAHLADNAGAR ROAD, SATELLITE, AHMEDABAD - 380015, GUJARAT INDIA.

FACTORY UNIT-1 : C-1/58 PHASE-2 GIDC ESTATE, VATVA - AHMEDABAD - 382445, GUJARAT INDIA. UNIT-2 : C1/5639 PHASE-2 GIDC, ESTATE, VATVA-AHMEDABAD - 382445 GUJARAT INDIA