

SPECIFICATION OF MAHACOL SUNSET YELLOW FCF

PRODUCT DESCRIPTION	
Brand Name	Mahacol Sunset Yellow FCF
C.I. Name	Food Yellow 3
C.I. No.	15985
CAS Registry No.	2783-94-0
EU No.	220-491-7
Molecular Weight	452.37
Chemical Formula	C ₁₆ H ₁₀ N ₂ O ₇ S ₂ Na ₂
E. E. C. NO.	E-110

No.	CHARACTERISTIC	
1)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	82.00
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.	03.00
6)	Dye intermediates, percent by mass, max.	00.50
7)	Unsulphonated primary aromatic amine (calculated as aniline) Percent by mass, max.	01.00
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	
Acids	Excellent
Neutral	Excellent
Alkaline	Better
Baking 205°C (400oF)	Best
Light	Better
Heat	Best

COLOR REFERENCE	

SOLUBILITY AT ROOM TEMPERATURE	
Water (gm/ltr)	120.00
Glycerin (gm/ltr)	160.00
Propylene Glycon (gm/ltr)	20.00
Ethanol (95%) (gm/ltr)	Trace

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



REGISTERED OFFICE
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