

SPECIFICATION OF MAHACOL QUINOLINE YELLOW WS

PRODUCT DESCRIPTION	
Brand Name	Mahacol Quinoline Yellow WS
C.I. Name	Food Yellow 13
C.I. No.	47005
CAS Registry No.	8004-92-0
EU No.	305-897-5
Molecular Weight	477.38
Chemical Formula	C ₁₈ H ₉ NNa ₂ O ₈ S ₂
E. E. C. NO.	E-104

No.	CHARACTERISTIC	
1)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	70.00
2)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max.	30.00
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.	00.50
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	Excellent
Neutral	Excellent
Alkaline	Weak
Baking 205°C (400oF)	Better
Light	Best
Heat	Better

COLOR REFERENCE	

SOLUBILITY AT ROOM TEMPERATURE	
Water (gm/ltr)	150.00
Glycerin (gm/ltr)	40.00
Propylene Glycon (gm/ltr)	40.00
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



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