

Mahavir Industries

(Manufacturer and Exporter of Dyestuff)
(A Govt Recognised Star Export House)

SPECIFICATION OF MAHACOL AMARANTH

PRODUCT DESCRIPTION	
C.I. Name	Amaranth
C.I. No.	16185
CAS Registry No.	915-67-3
EU No.	213-022-2
Molecular Weight	604.48
Chemical Formula	C ₂ H ₁₁ N ₂ Na ₃ O ₁ S ₃
E. E. C. NO.	E-123

No.	CHARACTERISTIC	
1)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	85.00
2)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max	15.00
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)	Unulfonated 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 TO	
Acids	Excellent
Neutral	Excellent
Alkaline	Good
Baking 205°C (400oF)	Good
Light	Best
Heat	Better

MASS TONE	TINT TONE

SOLUBILITY AT ROOM TEMPERATURE	
Water (gm/ltr)	140.00
Glycerin (gm/ltr)	100.00
Propylene Glycon (gm/ltr)	50.00
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



REGISTERED OFFICE
1007-1008, DEV ATELIER COMPLEX, NR. SEEMA HALL, PRAHLADNAGAR ROAD,
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FACTORY
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