

SPECIFICATION OF MAHACOL CARMOISINE

PRODUCT DESCRIPTION	
C.I. Name	Carmoisin
C.I. No.	14720
CAS Registry No.	3567-69-9
EU No.	222-657-4
Molecular Weight	502.44
Chemical Formula	C ₂₀ H ₁₂ N ₂ Na ₂ O ₇ S ₂
E. E. C. NO.	E-122

No.	CHARACTERISTIC	
1)	Total Color / Assay ,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	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.	01.00
6)	Dye intermediates, percent by mass, max.	00.50
7)	Unulfonated 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	Better
Baking 205°C (400oF)	Good
Light	Best
Heat	Better



SOLUBILITY AT ROOM TEMPERATURE	
Water (gm/ltr)	120.00
Glycerin (gm/ltr)	120.00
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,
 SATELLITE, AHMEDABAD – 380015 INDIA.

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