

SPECIFICATION OF MAHACOL BLACK PN

PRODUCT DESCRIPTION	
Brand Name	Mahacol Black PN
C.I. Name	Food Black 1
C.I. No.	28440
CAS Registry No.	2519-30-4
EU No.	219-746-5
Molecular Weight	867.7 g/mol
Chemical Formula	C ₂₈ H ₁₇ NsNa ₄ O ₁₄ S ₄
E. E. C. NO.	E151

No.	CHARACTERISTICS	
1)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	80.00
2)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphate express as sodium salts, percent by mass Max	20.00
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.	10.00
6)	Dye intermediates, percent by mass, max.	00.80
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	
Acids	Excellent
Neutral	Excellent
Alkaline	Good
Baking 205°C (400oF)	Weak
Light	Excellent
Heat	Very Weak

COLOR REFERANCE	

SOLUBILITY AT ROOM TEMPERATURE	
Water (gm/ltr)	50.00
Glycerin (gm/ltr)	5.00
Propylene Glycon (gm/ltr)	10.00
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

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

FACTORY

C-1/58 PHASE-2 GIDC ESTATE, VATVA - AHMEDABAD - 382445, GUJARAT INDIA.

(O) +91 79 - 4008 5720 (W) www.mahavirdyes.com (E) info@mahavirdyes.com