

# Mahavir Industries

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

## SPECIFICATION OF MAHACOL PATENT BLUE V

PRODUCT DESCRIPTION	
C.I. Name	FOOD BLUE 5
C.I. No.	42051
CAS Registry No.	3536-49-0
EU No.	222-573-8
Molecular Weight	582.66
Chemical Formula	C <sub>27</sub> H <sub>31</sub> N <sub>2</sub> NaO <sub>7</sub> S <sub>2</sub>
E. E. C. NO.	E 131

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.	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.	02.00
6)	Dye intermediates, percent by mass, max.	00.50 – (<4.0%)
7)	Un sulfonated 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

MASS TONE	TINT TONE

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.

FACTORY  
C-1/58 PHASE-2 GIDC, ESTATE, VATVA-AHMEDABAD, 382445-GUJARAT INDIA  
(O) +91 79 - 4008 5720 www.mahavirdyes.com, info@mahavirdyes.com