



PROMETHEA TECHSYNTH PRIVATE LIMITED

5TH FLOOR, A-506, PRIVILION, B/H ISCON TEMPLE, AMBLI-BOPAL ROAD,
S.G. HIGHWAY, AHMEDABAD -380 054, GUJARAT

Email id: promethea.ts@gmail.com CIN U24299GJ2020PTC117548 (M) 9712001000
9998082540

SPECIFICATION OF PATENT BLUE V

Classification: -

1)	Color Index No	42051
2)	EEC No.	E 131
3)	FD & C No	- -
4)	C.I. Name	Food Blue 5
5)	Class	Triarylmethane
6)	EINECS	222-573-8
7)	CAS No.	3536-49-0

Specification: -

No.	Characteristic	Limit
	Color Description	
1)	Shade	
2)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	85.00
3)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max.	15.00
4)	Water-insoluble matter, percent by mass, Max.	00.20
5)	Combined ether extracts, percent by mass, Max.	00.20
6)	Subsidiary dyes, percent by mass, Max.	02.00
7)	Dye intermediates, percent by mass – (Leuco Base) max	00.50 – (<4.0%)
8)	Unsulphonated primary aromatic amine (calculated as aniline) Percent by mass, max.	00.01
9)	Lead, mg/kg, Max.	10.00
10)	Arsenic, mg/kg, Max.	01.00
11)	Heavy metals, (as pb) mg/kg, max	40.00
12)	Mercury, mg/kg, Max.	01.00
13)	Chromium, mg/kg, Max	05.00
14)	Cadmium, mg/kg, Max.	01.00