



# **K P INTERNATIONAL PRIVATE LIMITED**

604, Manas Complex, Jodhpur Crss Road, Satellite, Ahmedabad-380015, India  
Phone No.: 079-26923570/87

## **TECHNICAL SPECIFICATION OF BRILLIANT BLUE FCF**

<b>NAME:</b>	<b>BRILLIANT BLU FCF</b>
CODE NO -	JS 09
C.I. NO -	42090
EEC NO -	E 133
FD & C NO -	BLUE 1
HUE NAME (FOOD) -	BLUE 2
INDIAN STANDARD NO -	6406
CLASS -	TRIARYL METHANE

### **SPECIFICATION:**

TOTAL DYE CONTENT % MIN	85
LOSS ON DRYING AT 135 C & SODIUM CHLORIDES % SULPHATES % MAX	13
WATER INSOLUBLE MATTER % MAX	0.2
EATHER EXTRACTS % MAX	0.2
SUBSIDIARY DYE % MAX	3.0
DYES INTERMIDIATES	1.80 5% LEUCO
UNSULPHONATED PRIMARY AROMATIC AMINES % MAX	0.01
LEAD (AS "Pb") PPM (MAX.)	10.00
ARSENIC (AS "As" PPM (MAX.)	1.00
MERCURY (As "Hg") PPM (MAX.)	1.0
CHROMIUM (As "Cr") PPM (MAX.)	50.0
HEAVY METALS PPM (MAX.)	40.00

### **SOLOBILITY AT ROOM TEMP:**

WATER (gms/ltr.)	200.0
GLYCERINE (gms/ltr.)	190.00
PROPYLENE GLYCON (gms/ltr.)	200.00
ETHANOL (95%) (gms/ltr.)	15.00

### **STABILITY TO:**

ACIDS	GOOD
NEUTRAL	BETTER
ALKALINES	BEST
BAKING 205 c (400 F)	BEST
LIGHT	BEST
HEAT	BEST