



K P INTERNATIONAL PRIVATE LIMITED

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

TECHNICAL SPECIFICATION OF INDIGO CARMINE

NAME:	INDIGO CARMINE
CODE NO -	JS 23
C.I. NO -	73015
EEC NO -	E 132
FD & C NO -	BLUE 2
HUE NAME (FOOD) -	BLUE 1
INDIAN STANDARD NO -	1698
CLASS -	INDIGOID

SPECIFICATION:

TOTAL DYE CONTENT % MIN	85
LOSS ON DRYING AT 135 C & SODIUM CHLORIDES % SULPHATES % MAX	15
WATER INSOLUBLE MATTER % MAX	0.2
EATHER EXTRACTS % MAX	0.2
SUBSIDIARY DYE % MAX	1.0
DYES INTERMIDIATES	0.50
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.)	5.0
HEAVY METALS PPM (MAX.)	40.00

SOLOBILITY AT ROOM TEMP:

WATER (gms/ltr.)	12.00
GLYCERINE (gms/ltr.)	5.00
PROPYLENE GLYCON (gms/ltr.)	5.00
ETHANOL (95%) (gms/ltr.)	Trace

STABILITY TO:

ACIDS	BETTER
NEUTRAL	WEAK
ALKALINES	VRRY WEAK
BAKING 205 c (400 F)	VERY WEAK
LIGHT	GOOD
HEAT	VERY WEAK