



K P INTERNATIONAL PRIVATE LIMITED

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

TECHNICAL SPECIFICATION OF CARMOISINE

NAME:	CARMOISINE
CODE NO -	JS 05
C.I. NO -	14720
EEC NO -	E 122
FD & C NO -	-
HUE NAME (FOOD) -	RED 3
INDIAN STANDARD NO -	2923
CLASS -	MONOAZO

SPECIFICATION:

TOTAL DYE CONTENT % MIN	87
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	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.)	120.00
GLYCERINE (gms/ltr.)	120.00
PROPYLENE GLYCON (gms/ltr.)	50.00
ETHANOL (95%) (gms/ltr.)	Trace

STABILITY TO:

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