



K P INTERNATIONAL PRIVATE LIMITED

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

TECHNICAL SPECIFICATION OF TARTRAZINE

NAME:	TARTRAZINE
CODE NO -	JS 01
C.I. NO -	19140
EEC NO -	E 102
FD & C NO -	YELLOW 5
HUE NAME (FOOD) -	YELLOW 4
INDIAN STANDARD NO -	1694
CLASS -	MONOAZO (PYRAZOLONE)

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.)	140.00
GLYCERINE (gms/ltr.)	150.00
PROPYLENE GLYCON (gms/ltr.)	50.00
ETHANOL (95%) (gms/ltr.)	Trace

STABILITY TO:

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