



K P INTERNATIONAL PRIVATE LIMITED

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

TECHNICAL SPECIFICATION OF ERYTHROSINE

NAME:	ERYTHROSINE
CODE NO -	JS 11
C.I. NO -	45430
EEC NO -	E 127
FD & C NO -	RED 3
HUE NAME (FOOD) -	RED 14
INDIAN STANDARD NO -	1697
CLASS -	XANTHINE

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	4.0
DYES INTERMIDIATES	0.40
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.)	70.0
GLYCERINE (gms/ltr.)	20.00
PROPYLENE GLYCON (gms/ltr.)	50.00
ETHANOL (95%) (gms/ltr.)	15.00

STABILITY TO:

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