



# **K P INTERNATIONAL PRIVATE LIMITED**

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

## **TECHNICAL SPECIFICATION OF SUNSET YELLOW**

<b>NAME:</b>	<b>SUNSET YELLOW</b>
CODE NO -	JS 03
C.I. NO -	15985
EEC NO -	E 110
FD & C NO -	YELLOW 6
HUE NAME (FOOD) -	YELLOW 3
INDIAN STANDARD NO -	1695
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	3.0
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.)	160.00
PROPYLENE GLYCON (gms/ltr.)	20.00
ETHANOL (95%) (gms/ltr.)	Trace

### **STABILITY TO:**

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