



K P INTERNATIONAL PRIVATE LIMITED

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

TECHNICAL SPECIFICATION OF AMARNATH

NAME:	AMARANTH
CODE NO -	JS 13
C.I. NO -	16185
EEC NO -	E 123
FD & C NO -	RED 2
HUE NAME (FOOD) -	RED 9
INDIAN STANDARD NO -	-
CLASS -	MONOAZO

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	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.)	140
GLYCERINE (gms/ltr.)	100.0
PROPYLENE GLYCON (gms/ltr.)	50.00
ETHANOL (95%) (gms/ltr.)	Trace

STABILITY TO:

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