

															
COMMON NAME	TARTRAZINE	SUNSET YELLOW	CARMOISINE	PONCEAU 4 R	BRILLIANT BLUE FCF	ERYTHROSINE	AMARANTH	ALLURA RED AC	RED 2 G	FAST RED E	QUINOLINE YELLOW	INDIGO CARMINE	BROWN HT	BLACK PN	FAST GREEN FCF
RN CODE NO.	RN 01	RN 03	RN 05	RN 07	RN 09	RN 11	RN 13	RN 15	RN 17	RN 19	RN 21	RN 23	RN 25	RN 27	RN 29
COLOUR INDEX NO.	19140	15985	14720	16255	42090	45430	16185	16035	18050	16045	47005	73015	20288	28440	42053
EEC NO.	E 102	E 110	E 122	E 124	E 133	E 127	E 123	E 129	E 128	-	E 104	E 132	E 155	E 151	
FD & C NO.	Yellow 5	Yellow 6	-	-	Blue 1	Red 3	Red 2	Red 40	-	-	-	Blue 2			Green 3
HUE NAME (FOOD)	Yellow 4	Yellow 3	Red 3	Red 7	Blue 2	Red 14	Red 9	Red 17	Red 10	Red 4	Yellow 13	Blue 1	Brown 3	Black 1	Green 3
INDIAN STANDARD NO.	1694	1695	2923	2258	6406	1697	-	-	-	2924	-	1698	-	-	6022
CLASS	Monoazo (Pyrazolone)	Monoazo	Monoazo	Monoazo	Triaryl Methane	Xanthine	Monoazo	Monoazo	Monoazo	Monoazo	Quino Phthalone	Indigoid	Disazo	Disazo	Triaryl Methane
SPECIFICATION :															
TOTAL DYE CONTENT%MIN	87	87	87	82	85	87	85	85	85	85	70	85	70	80	85
LOSS ON DRYING AT 135° C & SODIUM CHLORIDES & SULPHATES % MAX.	13	13	13	18	13	13	15	15	15	15	30	15	30	20	13
WATER INSOLUBLE MATTER % MAX.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
ETHER EXTRACTS % MAX.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SUBSIDIARY DYE % MAX.	1.0	3.0	1.0	1.0	3.0	4.0	3.0	3.0	2.0	1.0	4.0	1.0	10.0	10.0	1.0
DYES INTERMIDIATES % MAX.	0.50	0.50	0.50	0.50	1.80 5% Leuco	0.40	0.50	1.50	0.50	0.50	0.5	0.50	0.50	0.80	1.3 5% Leuco
UNSULPHONATED PRIMARY AROMATIC AMINES % MAX.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
LEAD (AS "Pb") PPM (MAX.)	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
ARSENIC (AS "As" PPM (MAX.)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	1.00	3.00	3.00
MERCURY (AS "Hg") PPM (MAX.)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CHROMIUM (AS "Cr") PPM (MAX.)	5.0	5.0	5.0	5.0	50.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
HEAVY METALS PPM (MAX.)	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
SOLUBILITY AT ROOM TEMP.:															
WATER (gms/ltr.)	140.0	120.0	120.0	140.0	200.0	70.0	140.0	220.0	180.0	140.0	150.0	12.0	180.0	50.0	200.0
GLYCERINE (gms/ltr.)	150.00	160.00	120.00	10.00	190.00	20.00	100.0	30.00	10.00	500	40.00	5.00	50.00	5.00	190.0
PROPYLENE GLYCON (gms/ltr.)	50.00	20.00	50.00	50.00	200.00	50.00	50.00	15.00	30.00	50.00	40.00	5.00	15.00	10.00	200.0
ETHANOL (95%) (gms/ltr.)	Trace	Trace	Trace	Trace	15.00	15.00	Trace	Trace	Trace	Trace	Trace	Trace	Insoluble	Trace	15.00
STABILITY TO :															
ACIDS	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	VERY WEAK	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	BETTER	EXCELLENT	EXCELLENT	GOOD
NEUTRAL	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	BETTER	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	WEAK	EXCELLENT	EXCELLENT	BETTER
ALKALINES	BETTER	BETTER	BETTER	GOOD	BEST	GOOD	GOOD	BETTER	BEST	GOOD	WEAK	VERY WEAK	BETTER	GOOD	BEST
BAKING 205° (400° F)	BEST	BEST	GOOD	BEST	BEST	GOOD	GOOD	BETTER	BETTER	BEST	BETTER	VERY WEAK	BETTER	WEAK	BEST
LIGHT	EXCELLENT	BETTER	BEST	BETTER	BEST	BETTER	BEST	BEST	EXCELLENT	BETTER	BEST	GOOD	BEST	EXCELLENT	BEST
HEAT	BEST	BEST	BETTER	BEST	BEST	BETTER	BETTER	BEST	BETTER	BEST	BETTER	VERY WEAK	BEST	VERY WEAK	BEST