



Water Soluble Food Colours
















AJANTA[®]
FOOD COLOURS

Product Name	C. I. No. *	Indicative Shades **	Status in					Stability to			Maximum solubility in water gms/ 100 ml at 28°C
			India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
Ajanta Tartrazine	19140		YES	E102	FD&C Yellow 5	Yellow #4	YES	3-11	6	230	20
Ajanta Quinoline Yellow WS	47005		NO	E104	NO	Yellow #203	()	1-9	7	230	20
Ajanta Sunset Yellow	15985		YES	E110	FD & C Yellow 6	Yellow #5	YES	1-9	6	230	12
Ajanta Sunset Yellow CS	15985		YES	E110	FD & C Yellow 6	Yellow #5	YES	1-9	6	230	35
Ajanta Ponceau 4R	16255		YES	E124	NO	Red #102	YES	1-10	6	250	22
Ajanta Carmoisine	14720		YES	E122	NO	NO	()	4-8	5	210	12
Ajanta Amaranth	16185		NO	E123	NO	Red #2	YES	2-9	5	200	12
Ajanta Allura Red	16035		YES	E129	FD & C Red 40	Food Red No. 40	YES	2-10	5	210	22
Ajanta Erythrosine	45430		YES	E127	FD & C Red 3	Red #3	YES	5-11	2	210	57
Ajanta Indigo Carmine	73015		YES	E132	FD & C Blue 2	Blue #2	YES	2-10	1	200	1
Ajanta Brilliant Blue FCF	42090		YES	E133	FD & C Blue 1	Blue #1	YES	3-11	5	180	20
Ajanta Patent Blue V	42051		NO	E131	NO	Blue #202	NO	4-12	7	200	8.5
Ajanta Green S	44090		NO	E142	NO	NO	NO	3-7	3	250	2.5
Ajanta Brown HT	20285		NO	E155	NO	NO	NO	4-8	5	250	18
Ajanta Black PN	28440		NO	E151	NO	NO	NO	3-7	6	250	5



Water Soluble Food Colours Blend

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FOOD COLOURS

Product Name	C. I. No. *	Indicative Shades **	Status in					Stability to			Maximum solubility in water gms/ 100 ml at 28°C
			India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
Ajanta Lemon Yellow	19140 + 15985		YES	YES	#	•	YES	3-9	7	250	20
Ajanta Egg Yellow	19140 + 15985		YES	YES	#	•	YES	2-9	6	210	15
Ajanta Kesari B	19140 + 15985 + 14720		YES	YES	NO	•	YES	3-9	5	200	20
Ajanta Pista Green	19140 + 42090		YES	YES	#	•	YES	4-9	5	200	10
Ajanta Orange Red	15985+ 14720		YES	YES	#	•	YES	3-9	6	250	15
Ajanta Apple Green	19140 + 42090		YES	YES	#	•	YES	2-8	5	200	15
Ajanta Pea Green	19140 + 42090		YES	YES	#	NO	YES	4-9	5	200	15
Ajanta Raspberry Red	14720 + 15985		YES	YES	NO	NO	YES	2-8	5	200	10
Ajanta Strawberry Red	14720 + 16255		YES	YES	NO	NO	YES	1-8	5	210	10
Ajanta Purple	14720 + 42090		YES	YES	NO	NO	YES	3-8	5	180	12
Ajanta Violet	14720 + 42090		YES	YES	NO	NO	YES	2-8	5	200	12
Ajanta Chocolate Brown ANK	14720 + 15985 + 19140 + 42090		YES	YES	NO	NO	YES	3-9	5	180	8
Ajanta Chocolate Brown Dark	15985 + 42090 + 14720 + 19140		YES	YES	NO	NO	YES	2-9	7	200	8
Ajanta Black P	15985 + 16255 + 42090		NO	NO	NO	NO	YES	4-7	3	250	10
Ajanta Black S	15985 + 14720 + 42090		NO	YES	NO	NO	NO	3-9	5	250	10



Aluminium Lakes

Product Name	C. I. No. *	Indicative Shades **	Status in					Stability to			Maximum solubility in water gms/ 100 ml at 28°C
			India	EC	USA	Japan	China	pH	Light	Heat°C (Maximum)	
Ajanta Tartrazine Lake	19140:1		NO	E102	FD & C Yellow 5 Lake	Food Yellow No.4 Lake	YES	3.50 - 5.50	6	180	Insoluble
Ajanta Quinoline Yellow Lake	47005:1		NO	E104	NO	NO	NO	3.50 - 5.50	7	180	Insoluble
Ajanta Sunset Yellow Lake	15985:1		YES	E110	FD & C Yellow 6 Lake	Food Yellow No. 5 Lake	YES	3.50 - 5.50	7	180	Insoluble
Ajanta Ponceau 4R Lake	16255:1		NO	E124	NO	NO	YES	3.50 - 5.50	6	140	Insoluble
Ajanta Carmoisine Lake	14720:1		NO	E122	NO	NO	NO	3.50 - 5.50	5	140	Insoluble
Ajanta Amaranth Lake	16185:1		NO	E123	NO	Food Red No.2 Lake	YES	3.50 - 5.50	5	140	Insoluble
Ajanta Allura Red Lake	16035:1		NO	E129	FD & C Red 40 Lake	Food Red No. 40 Lake	YES	3.50 - 5.50	5	140	Insoluble
Ajanta Erythrosine Lake	45430:1		NO	E127	FD & C Red 3 Lake	Food Red No.3 Lake	YES	3.50 - 5.50	2	150	Insoluble
Ajanta Indigo Carmine Lake	73015:1		NO	E132	FD & C Blue 2 Lake	Food Blue No. 2 Lake	YES	3.50 - 5.50	1	200	Insoluble
Ajanta Brilliant Blue FCF Lake	42090:2		NO	E133	FD & C Blue 1 Lake	Food Blue No. 1	YES	3.50 - 5.50	5	130	Insoluble
Ajanta Patent Blue V Lake	42051:1		NO	E131	NO	NO	NO	3.50 - 5.50	7	150	Insoluble
Ajanta Brown HT Lake	20285:1		NO	E155	NO	NO	NO	3.50 - 5.50	7	150	Insoluble
Ajanta Black PN Lake	28440:1		NO	E151	NO	NO	NO	3.50 - 5.50	6	200	Insoluble

NOTE: Most of the above lakes are available in three strength that is low Strengths, Middle Strengths and high Strength. Contact our technical laboratory to know which strength would be best suited to your end use.



Natural Food Colours



Product Name	EEC No.	Indicative Shades	India	EC	USA	Japan
Caramel colour	E150d		YES	YES	YES	YES
Annatto colour	E160b		YES	YES	YES	YES
Curcumin colour	E100		YES	YES	YES	YES
Chlorophyll colour	E140		YES	YES	YES	YES
Red beet root colour	E162		—	YES	YES	YES
Anthocyanin colour	E163		—	YES	YES	—
Paprika colour	E160c		YES	YES	YES	YES
Riboflavin colour	E101		YES	YES	YES	—

Inorganic Pigments

Product Name	C. I. No. *	Indicative Shades **	Status in					Stability to			Maximum solubility in water gms/ 100 ml at 28°C
			India	EC	USA	Japan	China	pH	Light	Heat°C (Maximum)	
Red Iron Oxide	77491		YES	E172	YES	YES	(0)	NA	7	200	Insoluble
Yellow Iron Oxide	77492		YES	E172	YES	YES	(0)	NA	7	200	Insoluble
Black Iron Oxide	77499		YES	E172	YES	YES	(0)	NA	7	150	Insoluble
Titanium Dioxide	77891		YES	E171	YES	YES	(0)	NA	7	150	Insoluble

Legends:
 Yes = Permitted
 No = Not Permitted
 NA = Not Applicable
 (0)= Permitted with restricted
 # = We can arrange same shade mixture with US FDA approved colours.
 * = We can arrange same shade mixture with Japan approves colours

Stability to light fastness is measured on the scale of 1 to 8: Excellent =8, Very Good = 7, Good =6, Moderate= 5, Very Fair=4, Fair=3, Poor=2, Very Poor=1.

* We request clients to check with their appropriate legislative authorities before using any of our products in their intended application or you may write us at our technical service department at Bhiwadi, Rajasthan, India

** Shades depicted here are for reference only. Clients are advised to check samples for shades matching.



Water Soluble Dyes

Product Name	Indicative Shades **	C. I. No. *	Japanese Reference	Field of Application		Stability to		
				EC/1223/2009 & IS:4707	USA 21 CFR	pH	Light	Heat°C (Maximum)
D & C Yellow 8		45350	Yellow # 202-1	1(b)	D	6-12	4	210
D & C Yellow 10 (Quinoline Yellow)		47005	Yellow # 203	NO	C	4-9	5	230
D & C Red 4 (Ponceau SX)		14700	Red#504 (*)	1	D	1-9	6	200
D&C Red 22 (Eosine)		45380	Red # 230-1	1	C	5-9	4	250
D&C Red 28 (Phloxin B)		45410	Red # 104-1	1	C	4-10	4	250
D&C Red 33		17200	Red #227	1	D&F	5-8	4	210
Ext. D&C Violet 2		60730	Violet # 401 (*)	3	D	1-10	5	250

Oil Soluble Dyes






D&C Yellow 7		45350:1	Yellow #201	1b	D	NA	4	250
D&C Yellow 11		47000	Yellow # 204	3	D	NA	7	100
D&C Red 21		45380:2	Red # 223	1	C	NA	4	250
D&C Red 27		45410:1	Red # 218	1	C	NA	4	250
D&C Violet 2		60725	Violet # 201	1	D	NA	7	150

Organic Pigments









D&C Red 6		15850	Red#201	1	C	7-11	6	200
D&C Red 7		15850:1	Red# 202	1E-180	C	7-12	6	150



Lake Colours

Product Name	C. I. No. *	Indicative Shades**
Lake Black S	19140, 42090, 14720	
Lake Grape Purple	42090, 14720	
Lake Violet	42090, 14720	
Lake Pea Green	19140, 42090	
Lake Apple Green	19140, 42090	

Water Soluble Colours

Product Name	C. I. No. *	Indicative Shades**
Chocolate Brown HT	20285	
Chocolate Brown AJR	19140, 15985, 14720, 73015	
Chocolate Brown IC	19140,15985, 14720, 73015	
Chocolate Brown FCF	15985, 42090, 16255	
Chocolate Brown DARK	19140,15985, 42090,14720	
Chocolate Brown BHS	19140, 15985, 14720, 42090	
Chocolate Brown TAS	19140, 15985, 14720, 42090, 73015	
Chocolate Brown ANK	19140, 15985, 14720, 42090	

Although based on our general experience, the information presented herein is believed to be reliable; Ajanta makes no representation or guarantee as to accuracy, completeness or reliability of the information. Due to various factors that are outside our control, we cannot accept liability from reliance on this information for any circumstances.



Field of Application Definition, as per EC/ 1223/2009 & IS:4707 for use of colours in Cosmetics

- 1 Colouring agents allowed in all cosmetic products
 - 2 Colouring agents allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up remover.
 - 3 Colouring agents allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes
 - 4 Colouring agents allowed exclusively in cosmetic products intended to come into contact only briefly with the skin
 - a) 3% maximum conc. in the finished product
 - b) 6% maximum conc. in the finished product
- E- numbers, E-104, E-122 etc., denote that the respective colour has to meet European food colour directives for purity.

Field of Application Definition, as per US FDA, 21 CFR for use of colours in cosmetics.

- A – Permitted for colouring cosmetics generally, including cosmetics intended for use in the area of the eye, in amount consistent with current good manufacturing practice.
- B - Permitted for colouring cosmetics intended for use in the area of the eye, in amount consistent with current good manufacturing practice.
- C- – Permitted for colouring cosmetics generally in, in amount consistent with current good manufacturing practice
- D- Permitted for colouring externally applied cosmetics in amount consistent with current good manufacturing practice.
- E- Permitted for colouring externally applied cosmetics in amount not exceeding 0.01 % by weight of the finished cosmetic products.
- F- - Permitted for colouring cosmetics lip products in amounts not exceeding 3% total colour by weight of the finished cosmetic products.
- G- Permitted for colouring cosmetics intended for use in the area of the eye, face and nail, generally in, in amount consistent with current good manufacturing practice

Note: Stability to light fastness is measured on the scale of 1-8: Excellent = 8, Very Good = 7, Good =6, Moderate= 5, Very Fair=4, Fair=3, Poor=2, Very Poor=1.

(*) = These items are permitted to be used for those cosmetics which are not supposed to contact with mucous membrane.

= IS 4707: Indian Standard for dyes, colours and pigments permitted to be used in cosmetics and soaps.

Shades depicted are for reference only. Clients are advice to check samples for shade matching.

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ajanta chemical industries

Branch Office Address

10 - Ground Floor, Tower-4
DLF Corporate Greens, Sec-74
Gurugram Haryana (India) - 122004

sales@ajantacolours.com
office@ajantacolours.com
customercare@ajantacolours.com
www.ajantacolours.com
+91-1493-220247, +91 7412056627

Regd. Office Address

812/E-9,10,11,12 RIICO Indl. Area
Phase - 3, Bhiwadi, Distt. Alwar
Rajasthan (India) - 301019