



# Pharmaceutical

Dyes, Lakes & Iron Oxide

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## Water Soluble















Product Name	Common Name	C.I.No.	Shade	Status In					Stability to			Maximum solubility in water gms/100 ml at 28 °C
				India	EC	USA	Japan	China	pH	Light	Heat °C (maximum)	
D&C Green 5	Alizarine Cyanine Green F	61570		✓	X	✓	✓	X	1-12	6	200	2.8
FD&C Green 3	Fast Green FCF	42053		✓	X	✓	✓	X	2-9	3	250	6
FD&C Yellow 5	Tartrazine	19140		✓	✓	✓	✓	✓	3-11	6	210	20
Quinoline Yellow	-	47005		✓	✓	X	✓	✓	1-9	5	250	20
D&C Yellow 10	-	47005		X	X	✓	✓	X	4-9	5	250	12
FD&C Yellow 6	Sunset Yellow FCF	15985		✓	✓	✓	✓	✓	1-9	6	210	12
FD&C Red 3	Erythrosine	45430		✓	✓	✓	✓	✓	5-11	2	210	5
FD&C Red 4	Ponceau SX	14700		X	X	✓	✓	X	1-9	6	200	5
D&C Red 22	Eosine YS (Na Salt)	45380		✓	X	✓	✓	X	5-9	4	250	24
D&C Red 28	Phloxine (Na Salt)	45410		X	X	✓	✓	X	4-10	4	250	40
D&C Red 33	Acid Red 33	17200		X	X	✓	✓	✓	5-8	4	21-	4
FD&C Red 40	Allura Red AC	16035		X	X	✓	X	✓	2-10	5	210	22
Ponceau 4R	-	16255		✓	✓	X	✓	✓	1-10	6	250	22
Carmoisine	-	14720		✓	✓	X	X	X	4-8	5	210	12
Amaranth	-	16185		X	✓	X	✓	✓	2-9	5	200	10
FD&C Blue 1	Brilliant Blue FCF	42090		✓	✓	✓	✓	✓	3-11	5	180	13
FD&C Blue 2	Indigo Carmine	73015		✓	✓	✓	✓	✓	2-10	1	2--	1
Patent Blue V	-	42051		X	✓	X	✓	X	4-12	7	200	8.9
Orange G	-	16230		✓	X	X	X	X	3-10	4	210	20
D&C Yellow 8	Uranine (Na Salt)	45350		X	X	✓	✓	X	6-12	4	210	10
D&C Green 8	Solvent Green 7/Pyranine	59040		X	X	✓	✓	X	6-9	3	210	26
D&C Orange 4	Orange II	15510		X	X	✓	✓	X	2-10	4	250	10
Black PN	-	28440		X	✓	X	X	X	3-7	6	250	5
Naphthol Blue Black	-	20470		✓	X	X	✓	X	1-10	5	150	1

## Solvent Soluble




Product Name	Common Name	C.I.No.	Shade	Status In					Stability to			Maximum solubility in water gms/100 ml at 28 °C
				India	EC	USA	Japan	China	pH	Light	Heat °C (maximum)	
D&C Green 6	Quinizarin Green SS	61565		✓	X	✓	✓	X	N.A	7	100	Insoluble
D&C Orange 5	Di bromo Flurescein	45370:1		X	X	✓	✓	X	N.A	7	150	Insoluble
D&C Red 17	Toney Red / Solvent Red 23	26100		✓	X	✓	✓	X	N.A	7	100	Insoluble
D&C Red 27	Phloxine B (Acid Form)	45410:1		X	X	✓	✓	X	N.A	4	250	Insoluble
D&C Violet 2	Solvent Violet 13	60725		X	X	✓	✓	X	N.A	7	150	Insoluble
D&C Yellow 11	Quinoline Yellow SS	47000		X	X	✓	✓	X	N.A	7	100	Insoluble






## Lakes

Product Name	Common Name	C.I.No.	Shade	Status In					Stability to			Maximum solubility in water gms/ 100 ml at 28 °C
				India	EC	USA	Japan	China	pH	Light	Heat °C (maximum)	
FD&C yellow 5 Lake	Tartrazine Lake	19140:1		✓	✓	✓	✓	✓	4-6	6	150	Insoluble
D&C Yellow 10 Lake	-	47005:1		X	X	✓	✓	X	3.50-5.50	7	150	Insoluble
Quinoline Yellow Lake	-	47005:1		✓	✓	X	✓	✓	4-6	7	150	Insoluble
FD&C Yellow 6 Lake	Sunset Yellow FCF Lake	15985:1		✓	✓	✓	✓	✓	4-6	6	100	Insoluble
Erythrosine Lake	-	45430:1		✓	✓	X	✓	✓	3.50-5.50	2	150	Insoluble
D&C Red 21 Lake	Eosine Lake	45380:3		✓	X	✓	X	X	3.50-5.50	5	100	Insoluble
D&C Red 27 Lake	Phloxine Lake	45410:2		X	X	✓	X	X	3.50-5.50	5	100	Insoluble
FD&C Red 40 Lake	Allura Red Lake	16035:1		✓	X	✓	X	✓	3.50-5.50	5	100	Insoluble
Ponceau 4R Lake	-	16255:1		✓	✓	X	X	✓	4-5	6	100	Insoluble
Carmoisine Lake	-	14720:1		✓	✓	X	X	X	3-5.50	5	100	Insoluble
Amaranth Lake	-	16185:1		X	✓	X	✓	✓	3-6	5	100	Insoluble
FD&C Blue 1 Lake	Brilliant Blue FCF Lake	42090:2		✓	✓	✓	✓	✓	4-5.50	5	100	Insoluble
FD&C Blue 2 Lake	Indigo Carmine Lake	73015:1		✓	✓	✓	✓	✓	3-7	1	200	Insoluble
Patent Blue V Lake	-	42051:1		X	✓	X	X	X	4-5.50	7	150	Insoluble

## Pigments Inorganic

Product Name	Common Name	C.I.No.	Shade	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	Red Iron Oxide	77491		✓	E-172	✓	X	✓	3-7	7	200	Insoluble
Yellow Iron Oxide	Yellow Iron Oxide	77492		✓	E-172	✓	X	✓	6-12	7	200	Insoluble
Black Iron Oxide	Black Iron Oxide	77499		✓	E-172	✓	X	✓	1-12	7	150	Insoluble
Titanium Dioxide	Titanium Dioxide	77891		✓	X	✓	X	✓	4-11	7	150	Insoluble

## Pigments Organic

Product Name	Common Name	C.I.No.	Shade	Status In					Stability to			Maximum solubility in water gms/ 100 ml at 28 °C
				India	EC	USA	Japan	China	pH	Light	Heat °C (maximum)	
D&C Red 30	Helindone Pink CN	73360		X	X	✓	✓	X	1-12	6	150	Insoluble
D&C Red 24	Deep Maroon	15880:1		X	X	✓	✓	X	2-12	5	200	Insoluble
D&C Rd 36	Fleming Red	12085		X	X	✓	✓	X	1-12	6	100	Insoluble

iCOLOR US LLC realizes that it is serving an ever-changing marketplace, therefore legislation and new development may cause the information contained here to require updating. We, therefore, request clients to re-check with their appropriate legislative authorities before using any of our products in their intended application, or you may write to us at our technical service department in Illinois, USA. Although based on our general experience, the information presented herein is believed to be reliable, iCOLOR US LLC makes no representation or guarantee as to the accuracy, completeness or reliability of the information. Due to various factors that are outside our control, we can not accept liability from reliance on this information for any circumstances.

## Legends

✓ = Permitted

X = Not Permitted

N.A = Not Applicable

NTE (not to exceed) 5 mg/daily dose of drug.

Note: 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 to us at our technical services department at Chicago, Illinois, USA.

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



iCOLOR US LLC is the USA's most trusted supplier of high-quality Natural colors, food & cosmetics colors. Our products are mainly catering to industries like Cosmetics & Personal Care Products, Food colors, and Household products like Toothpaste, Deodorants, Soap, Shampoos, Hair Oil, Detergents, etc. The company has managed to become one of the largest suppliers in the country with a solid customer base in more than 30+ countries across the world.

As a women-owned small business with WBENC Certification iCOLOR US LLC are the proud suppliers of the Food and Cosmetic Color Dyes.

We are committed to evolve, innovate and give our customer's an edge by supplying them with the latest products. The demands for our products are increasing because we are very much dedicated to our services.

## CONTACT US

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