



Available In
100
Countries*

Dyes, Lakes & Iron Oxides For Pharmaceutical Industry



A product by  **NEELIKON**

Application for Neelikon's pharmaceutical colours:

- ◆ Hard and soft gelatin capsules
- ◆ Tablet coatings
- ◆ Compressed tablets
- ◆ Syrups

Product Name	Common Name	C.I. No. *	Indicative Shade**	Status in					Stability to			Maximum Solubility***
				India	EC	USA	Japan	China	pH	To Light	Heat °C (Maximum)	

1. Water Soluble




D&C Green 5	Alizarine Cyanine Green F	61570		√	X	√	√	X	1-12	6	200	2
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	7	250	20
D&C Yellow 10	—	47005		X	X	√	√	X	1-9	7	250	20
FD&C Yellow 6	Sunset Yellow FCF	15985		√	√	√	√	√	3-11	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	6.5
D&C Red 28	Phloxine B (Na Salt)	45410		X	X	√	√	X	4-10	4	250	20
D&C Red 33	Acid Fuchsin D	17200		X	X	√	√	√	5-8	4	210	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	200	1
Patent Blue V	—	42051		X	√	X	√	X	4-12	7	200	8.5
Orange G	—	16230		√	X	X	X	X	3-10	6	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	10
D&C Orange 4	Orange II	15510		X	X	√	√	X	2-9	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

2. Solvent Soluble


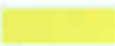

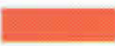
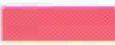








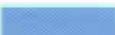
D&C Green 6	Quinizarin Green SS	61565		√	X	√	√	X	N.A.	7	100	Insoluble
D&C Orange 5	Di bromo Fluorescein	45370:1		X	X	√	√	X	N.A.	4	150	Insoluble
D&C Red 17	Toney Red	26100		√	X	√	√	X	N.A.	7	100	Insoluble

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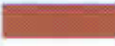

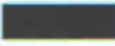

2. Solvent Soluble

D&C Red 27	Phloxine B (Acid Form)	45410:1		X	X	√	√	X	N.A.	4	250	Insoluble
D&C Violet 2	Alizuroil Purple SS	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



3. Lakes

FD&C Yellow 5 lake	Tartrazine Lake	19140:1		√	√	√	√	√	3.50 - 5.50	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	√	√	3.50 - 5.50	7	150	Insoluble
FD&C Yellow 6 lake	Sunset Yellow FCF Lake	15985:1		√	√	√	√	√	3.50 - 5.50	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	√	X	√	3.50 - 5.50	5	100	Insoluble
Ponceau 4R lake	—	16255:1		√	√	X	X	√	3.50 - 5.50	6	100	Insoluble
Carmoisine Lake	—	14720:1		√	√	X	X	X	3.50 - 5.50	5	100	Insoluble
Amaranth lake	—	16185:1		X	√	X	√	√	3.50 - 5.50	5	100	Insoluble
FD&C Blue 1 lake	Brilliant Blue FCF Lake	42090:2		√	√	√	√	√	3.50 - 5.50	5	100	Insoluble
FD&C Blue 2 lake	Indigo Carmine Lake	73015:1		√	√	√	√	√	3.50 - 5.50	1	200	Insoluble
Patent Blue V lake	—	42051:1		X	√	X	X	X	3.50 - 5.50	7	150	Insoluble

4. Pigments (Inorganic)

Red Iron Oxide 3017	Red Iron Oxide	77491		√	E-172	√	√	√	N.A.	7	200	Insoluble
Red Iron Oxide 3023	Red Iron Oxide	77491		√	E-172	√	√	√	N.A.	7	200	Insoluble
Yellow Iron Oxide	—	77492		√	E-172	√	√	√	N.A.	7	200	Insoluble
Black Iron Oxide	—	77499		√	E-172	√	√	√	N.A.	7	150	Insoluble
Titanium Dioxide	—	77891		√	E-171	√	√	√	N.A.	7	150	Insoluble

5. Pigments (Organic)

D&C Red 6	—	15850		X	X	NTE	NTE	X	7 - 11	6	250	Insoluble
D&C Red 7	Lithol Rubin	15850:1		X	E 180	NTE	NTE	X	7 - 12	7	250	Insoluble
D&C Red 30	Helindone Pink CN	73360		X	X	√	√	X	1 - 12	6	200	Insoluble
D&C Red 34	Deep Maroon	15880:1		X	X	√	√	X	7 - 12	5	300	Insoluble
D&C Red 36	Fleming Red	12085		X	X	√	√	X	1 - 12	6	150	Insoluble

Certification



ISO 9001



USFDA Certified



FSSC 22000 Certified



GMP Certified



KOSHER Certified



HALAL Certified

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

*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 Mumbai - India

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

Although based on our general experience, the Information presented herein is believed to be reliable; Neelikon 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 cannot accept liability from reliance on this information for any circumstances.

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.

***Maximum solubility in gms/100 ml at 28°C



Food Dyes & Chemicals Ltd.

ISO 9001, FSSC 22000 (V- 4.1) , GMP Certified and REACH Compliant

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100
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