



Regulatory Information Sheet

Color Additives Exempt from Certification Permitted for Use in the U.S.*

Color	Color Index Number	CAS Number	21 CFR References			
			Food	Drug	Cosmetic	Medical Devices
Algae Meal (Dried)	--	--	73.275	--	--	--
Algae Meal (Haematococcus)	--	--	73.185	--	--	--
Alumina (Dried Aluminum Hydroxide)	77002	1332-73-6	--	73.1010	--	--
Aluminum Powder	77000	7429-90-5	--	73.1645	73.2645	--
Annatto Extract	75120	8015-67-6	73.30	73.1030	73.2030	--
Astaxanthin	--	--	73.35	--	--	--
Astaxanthin Dimethylsuccinate	--	--	73.37	--	--	--
Beta-Apo-8'-Carotenal	40820	1107-26-2	73.90	--	--	--
Beta Carotene	40800	7235-40-7	73.95	73.1095	73.2095	--
Beet Powder (Dehydrated Beets)	--	57917-55-2	73.40	--	--	--
Bismuth Citrate	--	--	--	--	73.2110	--
Bronze Powder	77440	7440-50-8 7740-66-6	--	73.1646	73.2646	--
Calcium Carbonate	77220	471-34-1	--	73.1070	--	--
Canthaxanthin	40850	514-78-3	73.75	73.1075	--	--
Caramel	--	8028-89-5	73.85	73.1085	73.2085	--
Carbazole Violet	51319	6358-30-1	--	--	--	73.3107
Carmine	75470	1390-65-4	73.100	73.1100	73.2087	--
Carrot Oil	--	8015-88-1	73.300	--	--	--
Chlorophyll Copper Complex	75810	--	--	73.1125	73.2125	73.3110
Chromium-Cobalt-Aluminum Oxide	77343	68187-11-1	--	73.1015	--	73.3110a
Chromium Hydroxide Green	77289	12182-82-0	--	73.1326	73.2326	--
Chromium Oxide Greens	77288	1308-38-9	--	73.1327	73.2327	73.3111
C.I. Vat Orange 1	59105	--	--	--	--	73.3112
Cochineal Extract	75470	1260-17-9	73.100	73.1100	--	--
Corn Endosperm Oil	--	--	73.315	--	--	--
Copper Powder	77400	7440-50-6	--	73.1647	73.2647	--
1,4-Bis[(2-hydroxyethyl)amino]-9,10-anthracenedione bis(2-methyl-2-propenoic)ester copolymers	--	109561-07-1	--	--	--	73.3100
1,4-Bis[(2-methylphenyl)amino]-9,10-anthracenedione	--	6737-68-4	--	--	--	73.3105
1,4-Bis[4-(2-methacryloxyethyl)phenylamino]anthraquinone copolymers	--	121888-69-5	--	--	--	73.3106
2-[[2,5-Diethoxy-4-[(4-methylphenyl)thiol]phenyl]azo]-1,3,5-benzenetriol	--	--	--	--	--	73.3115
16,23-Dihydrodinaphtho[2,3-a:2',3'-i] naphth [2',3':6,7] indolo [2,3-c] carbazole-5,10,15,17,22,24-hexone	70800	2475-33-4	--	--	--	73.3117
N,N'-(9,10-Dihydro-9,10-dioxo-1,5-anthracenediyl) bisbenzamide	61725	82-18-8	--	--	--	73.3118
7,16-Dichloro-6,15-dihydro-5,9,14,18-anthrazinetetrone	69825	130-20-1	--	--	--	73.3119
16,17-Dimethoxydinaphtho [1,2,3-cd:3',2',1'-lm] perylene-5,10-dione	59825	128-58-5	--	--	--	73.3120
4-[(2,4-dimethylphenyl)azo]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one	--	6407-78-9	--	--	--	73.3122



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Dihydroxyacetone	--	62147-49-3	--	73.1150	73.2150	--
Disodium EDTA-Copper	--	--	--	--	73.2120	--
Disodium 1-amino-4-[[4-[(2-bromo-1-oxoallyl)amino]-2-sulfonatophenyl]amino]-9,10-dihydro-9,10-dioxoanthracene-2-sulfonate	--	--	--	--	--	73.3129
6-Ethoxy-2-(6-ethoxy-3-oxobenzo[b]thien-2(3H)-ylidene) benzo[b]thiophen-3 (2H)-one	73335	3263-31-8	--	--	--	73.3123
Ferric Ammonium Citrate	--	1185-57-5	--	73.1025	--	--
Ferric Ammonium Ferrocyanide	77510	25869-00-5	--	73.1298	73.2298	--
Ferric Ferrocyanide	77510	14038-43-8	--	73.1299	73.2299	--
Ferrous Gluconate	--	299-29-6	73.160	--	--	--
Ferrous Lactate	--	5905-52-2	73.165	--	--	--
Fruit Juice	--	--	73.250	--	--	--
Grape Color Extract	--	--	73.169	--	--	--
Grape Skin Extract (Enocianina)	--	--	73.170	--	--	--
Guaiazulene	--	489-84-9	--	--	73.2180	--
Guanine	75170	6894-0 73-40-5	--	73.1329	73.2329	--
Henna	75480	83-72-7	--	--	73.2190	--
Lead Acetate	--	6080-56-4	--	--	73.2396	--
Logwood Extract	75290	8005-33-2	--	73.1410	--	--
Manganese Violet	77742	10101-66-3	--	--	73.2775	--
Mica	77019	12001-26-2	--	73.1496	73.2496	--
Mica-based Pearlescent Pigment	--	--	73.350	73.1350	--	73.3128
Paprika	--	--	73.340	--	--	--
Paprika Oleoresin	--	68917-78-2	73.345	--	--	--
Paracoccus Pigment	--	--	73.352	--	--	--
Phaffia Yeast	--	977165-85-7	73.355	--	--	--
Potassium Sodium Copper Chlorophyllin	75810	--	--	73.1125	73.2125	--
Phthalocyanine Green	74260	1328-53-6	--	--	--	73.3124
Poly(hydroxyethyl methacrylate)-Dye Copolymers	--	--	--	--	--	73.3121
Pyrogallol	76515	87-66-1	--	73.1375	--	--
Pyrophyllite	44004	8047-76-5	--	73.1400	73.2400	--
Riboflavin	--	83-88-5	73.450	--	--	--
Saffron	75100	977051-90-3	73.500	--	--	--
Silver	77820	7440-22-4	--	--	73.2500	--
Spirulina Extract	--	--	73.530	73.1530	--	--
Sodium Copper Chlorophyllin	75815	28302-36-5	73.125	--	--	--
(Synthetic) Iron Oxides						
Red	77491	1309-37-1	73.200	73.1200	73.2250	73.3125
Yellow	77492	51274-00-1				
Black	77499	1317-61-9				
Tagetes (Aztec marigold) Meal and Extract	--	--	73.295	--	--	--
Talc	77019	14807-96-6	--	73.1550	--	--
Toasted Partially Defatted Cooked Cottonseed Flour	--	--	73.140	--	--	--
Titanium Dioxide	77891	13463-67-7	73.575	73.1575	73.2575	73.3126
Tomato Lycopene Extract and Concentrate	--	--	73.585	--	--	--
Turmeric	75300	458-37-7	73.600	--	--	--
Turmeric Oleoresin	75300	458-37-7	73.615	--	--	--
Ultramarine Blue	77007	57455-37-5	73.50	--	73.2725	--



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Ultramarine Green	77013	--	--	--	73.2725	--
Ultramarine Pink	77007	127-96-9	--	--	73.2725	--
Ultramarine Red	77007	127-96-9	--	--	73.2725	--
Ultramarine Violet	77007	127-96-9	--	--	73.2725	--
Vegetable Juice	--	--	73.260	--	--	--
Vinyl Alcohol/Methyl Methacrylate-Dye Reaction Products	--	--	--	--	--	73.3127
Zinc Oxide	77947	1314-13-2	--	73.1991	73.2991	--
Luminescent Zinc Sulfide	--	--	--	--	73.2995	--

*Based on 21 CFR current as of November 16, 2018. Restrictions may exist limiting the use of some of these colors to specific applications (i.e. external drug use only, etc.). Additionally, there may be quantitative limits for the use of some colors. The specific 21 CFR reference(s) for each color should be reviewed to determine potential restriction status.

The information contained herein, to the best of our knowledge is true and accurate. Any recommendations or suggestions are made without warranty or guarantee, since the conditions of use are beyond our control. Any information contained herein is intended as a recommendation for use of our products so as not to infringe on any patent.

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