



## Approved Drug Colourants Listed by the European Union\*

Note: Aluminum lakes prepared from colours mentioned in this list are also permitted

Colour	E Number	Colour Index Number	Alternate Names
Allura Red AC	E129	16035	FD&C Red #40
Aluminum	E173	77000	--
Amaranth	E123	16185	Delisted FD&C Red #2
Anthocyanins	E163	--	--
Beet Root Red	E162	--	Betanin
Beta APO-8'-Carotenal	E160e	40820	--
Beta APO-8'-Carotenoic Acidethyl Ester	E160f	40825	--
Brilliant Black BN	E151	28440	Black PN
Brilliant Blue FCF	E133	42090	FD&C Blue #1
Brown HT	E155	20285	--
Calcium Carbonate	E170	77220	--
Canthaxanthin	E161g	40850	--
Caramel	E150a	--	--
Caramel,-Caustic Sulphite	E150b	--	--
Caramel,-Amppnia	E150c	--	--
Caramel, Sulphite Ammonia	E150d	--	--
Carbon Vegetable Black	E153	77268:1	Carbo Medicinalis Vegetalis
Carmine	E120	75470	Carmine 40, Carminic Acid
Carmoisine	E122	14720	Azorubine
Carotene		75130	Alpha, Beta & Gamma Carotene
i. Mixed Carotenes	E160a (i)	75130	--
ii. Beta-Carotene	E160a (ii)	40800	--
Chlorophylls/Chlorophyllins		--	--
i. Chlorophylls	E140(i)	75810	--
ii. Chlorophyllins	E140(ii)	75815	--
Chlorophylls/Chlorophyllins			
Copper Complexes		75815	--
i. Copper Complexes of Chlorophylls	E141(i)		--
ii. Copper Complexes of Chlorophyllins	E141(ii)		--
Cochineal	E120	75470	Carminic Acid
Erythrosine	E127	45430	FD&C Red #3
Gold	E175	77480	--
Green S	E142	44090	Acid Brilliant Green BS
Indigotine	E132	73015	FD&C Blue #2, Indigo Carmine
Iron Oxides & Hydroxides	E172	77491	Iron Oxide Red
		77492	Iron Oxide Yellow
		77499	Iron Oxide Black

Colour	E Number	Color Index Number	Alternate Names
Lutein	E161b	--	--
Lycopene	E160d	--	--
Paprika Extract	E160c	--	Capsanthin, Capsorubin
Patent Blue V	E131	42051	Acid Blue 3
Ponceau 4R	E124	16255	Cochineal Red A
Quinoline Yellow*	E104	47005	China Yellow
Riboflavin		--	--
i. Riboflavin	E101(i)	--	--
ii. Riboflavin-5'-phosphate	E101(ii)	--	--
Sunset Yellow FCF	E110	15985	FD&C Yellow #6, Orange Yellow S
Tartrazine	E102	19140	FD&C Yellow #5
Titanium Dioxide	E171	77891	--
Turmeric	E100	75300	Curcumin

This list is derived from Annex 1 of Directive 94/36/EC, colours permitted for use in foodstuffs. EMEA Guideline EMEA/CHMP/QWP/396951/2006 states that colourants mentioned in this Annex are permitted for use in medicinal products.

\*This is not D&C Yellow #10. Although the C.I. numbers are the same, the dyes differ in composition. Quinoline Yellow is primarily the disulfonated quinoline dye, whereas D&C Yellow #10 is the monosulfonated color. Quinoline Yellow is not accepted for use in the U.S.; conversely, D&C Yellow #10 cannot be used in the EU.

## March 2008

### World Headquarters

Colorcon  
415 Moyer Blvd., P.O. Box 24, West Point, PA 19486-0024  
Tel: 215-699-7733 Fax: 215-661-2605 Website: [www.colorcon.com/pharma](http://www.colorcon.com/pharma)

e-mail: [info@colorcon.com](mailto:info@colorcon.com)

Locations	Telephone	Facsimile	Locations	Telephone	Facsimile
<i>United States</i>			<i>Asia/Pacific</i>		
Santa Ana, California	714-549-0631	714-549-4921	Singapore	65-6438-0318	65-6438-0178
Indianapolis, Indiana	317-545-6211	317-545-6218	Fuji-gun, Shizuoka, Japan	81-5-4465-2711	81-5-4465-2730
Humacao, Puerto Rico	787-852-3815	787-852-0030	Shanghai, China	86-21-5442-2222	86-21-5442-2229
Stoughton, Wisconsin	608-887-8970	608-887-8984	Goa, India	91-832-288-3434	91-832-288-3440
			Gyeonggi-do, Korea	82-31-296-2173	82-31-296-2178
<i>Canada</i>					
St. Laurent, QC, Canada	514-337-8341	514-337-9159			
<i>Europe</i>			<i>Latin America</i>		
Dartford, Kent, England	44-1322-293000	44-1322-627200	Buenos Aires, Argentina	54-11-4552-1565	54-11-4552-3997
Massey, France	33-1-6447-9750	33-1-6932-5983	Cotia, Brasil	55-11-4612-4262	55-11-4612-3307
Idstein, Germany	49-6126-9961-0	49-6126-9961-11	Bogota, Colombia	571-418-1202	571-418-1257
Gallarate, Italy	39-0331-776932	39-0331-776831	Caracas, Venezuela	58-212-237-9842	58-212-238-2259
Budapest, Hungary	36-1-200-8000	36-1-200-8010	Santa Fe, México	52-55-3000-5700	52-55-3000-5701 /02
Istanbul, Turkey	90-216-465-0360	90-216-465-0361			
Barcelona, Spain	34-9-3589-3756	34-9-3589-3792			

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.  
© 2008 Colorcon, Inc. The information contained in this document is proprietary to Colorcon and may not be used or disseminated inappropriately.