

Key

	Listed as permitted
	Not listed as permitted
	Data unknown or unreliable
	Allowed in existing formulations; should be avoided in new formulations
	Dye only allowed; aluminium lake not permitted
	Known to be used though not officially listed
	Permitted, but use generally discouraged
	Quantity restriction applies
	Colorants accepted in E.U., Japan and U.S.A.

General notes on countries

- **Costa Rica:** Maximum of 3 colorants permitted to obtain the desired color.
- **Croatia:** Not yet known to have issued new regulations - Utilises regulation from ex-Yugoslavia.
- **Ecuador:** No specific local regulations known - Follow U.S.A.
- **E.U.** European Union
- **Iran:** ADI values are reportedly mandatory but not known to be enforced. (F18)
- **Japan:** All lakes must have a pure color content greater than 10%. (F24)
- **Latvia:** Has not yet issued own regulations. Permits all colors accepted in the E.U. or U.S.A.
- **Lithuania:** Not yet known to have issued new regulations. Utilises regulation from ex-U.S.S.R..
- **Slovakia:** Not more than six synthetic colors may be blended. (F15)
- **Slovenia:** Not yet known to have issued new regulations - Utilises regulation from ex-Yugoslavia.
- **U.A.E.** United Arab Emirates
- **Ukraine:** Not yet known to have issued new regulations - Utilises regulation from ex-U.S.S.R.
- **Vietnam:** Based on French regulations; not local list known. (F20)
- **Yugoslavia (Serbia and Montenegro):** Not yet known to have issued new regulations - Utilises regulation from ex-Yugoslavia.

NB: Newly independent states of the former Yugoslavia are not yet known to have issued individual color regulations.

Specific notes

- **F 1** FDA certification is required.
- **F 2** E.U.-wide ratification of food color Directive for pharma products expected (listed as E129).
- **F 3** E.U.-wide ratification of food color Directive for pharma products expected (listed as E133).
- **F 4** The scientific committee on medicinal products and medical devices (EC DG XXIV) expressed, in October 1998, the opinion that there is no toxicological reason to delist this color. It is thought that this color will remain permanently listed for pharmaceutical use sometime after 2002 in the E.U.
- **F 5** Not used.
- **F 6** Coating only, not core-coloring.
- **F 7** Not more than 5mg/day.
- **F 8** Not more than 5mg/day elemental iron.
- **F 9** Specific ADI values apply, and are listed on page 9.
- **F 10** Not more than 0.1% by weight of color (lake or dye).
- **F 11** Not more than 0.2% by weight of color (lake or dye).
- **F 12** Should be listed as turmeric extract.
- **F 13** Must comply with medicinal carbon JP specifications if used for manufacture in Japan.
- **F 14** Chlorophyllin copper complex only.
- **F 15** Not more than six synthetic colors may be blended. (Slovakia)
- **F 16** Avoid in new formulations.
- **F 17** Use generally discouraged.
- **F 18** ADI values are reportedly mandatory but not known to be enforced. (Iran)
- **F 19** Permitted for external use only.
- **F 20** Based on French regulations; no local list known. (Vietnam)
- **F 21** Not more than 0.1% by weight.
- **F 22** Not more than 5mg/kg of weight per day (meaning is unclear).
- **F 23** Future status is under debate.
- **F 24** All lakes must have a pure color content greater than 10%. (Japan)
- **F 25** Requires label declaration.
- **F 26** Requires label declaration: Allergic reaction may occur.
- **F 27** Only β -carotene.
- **F 28** Should not be made by ammonia process.

Abbreviations

ADI	Acceptable Daily Intake. An estimate of the amount of a substance in food or drinking-water, expressed on a body-weight basis, that can be ingested daily over a lifetime without appreciable risk (standard human = 60 kg). The ADI is listed in units of mg per kg of body weight.
WHO	World Health Organization
ADI/WHO	ADI recommended by WHO
D&C	Designation applied in USA to dyes permitted for use in drugs and cosmetics
FDA	Food and Drug Administration (U.S.A.)
FD&C	Designation applied in USA to dyes permitted for use in foods, drugs and cosmetics
C.I.	Color Index numbers of 1971
E.U.	European Union
U.A.E.	United Arab Emirates
JP	Japanese Pharmacopoeia

Main regulatory texts

E.U.	J.O. EEC 78/25 and 95/45
Japan	Specification and standards for food additives VII th edition, 1999; Japanese Pharmacopoeia rev. 14, 2001; Japanese Pharmaceutical Excipients 1998
U.S.A.	21 CFR parts 73-74

36 colorants covering 80 countries



Color	Principal Name	US Name	C.I. Name
White	Titanium Dioxide		C.I. Pigment White 6
Beige	Caramel		C.I. Natural Brown 10
Red	Acid Fuchsin B	D&C Red 33	C.I. Food Red 12
	Allura Red AC	FD&C Red 40	C.I. Food Red 17
	Amaranth	FD&C Red 2	C.I. Food Red 9
	Anthocyanins		
	Azorubine		C.I. Food Red 3
	Beetroot Red		
	Canthaxanthin		C.I. Food Orange 8
	Cochineal Extract		C.I. Natural Red 4
	Eosine YS	D&C Red 22	C.I. Red 87
	Erythrosine	FD&C Red 3 (As Dye Only)	C.I. Food Red 14
	Iron Oxide Red		C.I. Pigment Red 101 & 102
	Phloxine B	D&C Red 28	
	Ponceau 4R		C.I. Food Red 7
	Red 2G		C.I. Food Red 10
Yellow	Beta-Carotene		C.I. Food Orange 5
	Beta-Apo-8'-Carotenal		C.I. Food Orange 6
	Curcumin		C.I. Natural Yellow 3
	D&C Yellow 10	D&C Yellow 10	C.I. Food Yellow 13
	Iron Oxide Yellow		C.I. Pigment Yellow 42 & 43
	Quinoline Yellow WS		C.I. Food Yellow 13
	Riboflavin		
	Sunset Yellow FCF	FD&C Yellow 6	C.I. Food Yellow 3
	Tartrazine	FD&C Yellow 5	C.I. Food Yellow 4
Green	Chlorophylls		C.I. Natural Green 3
	Chlorophylls & Chlorophyllin Cu Complex		C.I. Natural Green 3
	Fast Green FCF	FD&C Green 3	C.I. Food Green 3
	Green S		C.I. Food Green 4
Blue	Brilliant Blue FCF	FD&C Blue 1	C.I. Food Blue 2
	Indigo Carmine	FD&C Blue 2	C.I. Food Blue 1
	Patent Blue V		C.I. Food Blue 5
Black	Brilliant Black BN		C.I. Food Black 1
	Iron Oxide Black		C.I. Pigment Black 11
	Vegetable Carbon		C.I. Food Black 3

ADI Acceptable Daily Intake. An estimate of the amount of a substance in food or drinking-water, expressed on a body-weight basis, that can be ingested daily over a lifetime without appreciable risk (standard human = 60 kg). The ADI is listed in units of mg per kg of body weight

WHO World Health Organization

Colorant Synonyms

Other Names	C.I. Number	E Number	CAS Number	CFR Number	ADI/WHO	Specific ADI per Country
	77891	E171	13463-67-7	73. 1575	no ADI	
Burnt Sugar		E150		73. 1085	0-200 mg	(0-150 on a solid basis)
Acid Red 33	Red 10B	17200	3567-66-6	74. 1333		0-0.75 mg/U.S.A.
		16035	E129	25956-17-6	74. 1340	0-7 mg
Acid Red 27		16185	E123	915-67-3		0-0.5 mg
	Grape skin extract		E163			no ADI
Acid Red 14	Carmoisine	14720	E122	3567-69-9		0-4 mg
	Betanin	Beet Red	E162			not specified
		40850	E161g	514-78-3		0-0.03 mg
Carmine	Carminic Acid	75470	E120	1390-65-4	73. 1100	0-5 mg
Acid Red 87	Eosine A	Eomine Y	45380	17372-87-1	74. 1322	0-2.5 mg/Iran
		45430	E127	16423-68-0	74. 1303	0-0.1 mg
		77491	E172	1309-37-1	73. 1200	0-1.25 mg/Iran
Acid Red 92		45410		18472-87-2	74. 1328	0-0.5 mg
Acid Red 18	Cochineal Red A	Brilliant Scarlet 4R	16255	E124	2611-82-7	0-4 mg
Acid Red 1		18050	E128			0-0.125 mg/Iran
						0-0.1 mg
Natural Yellow 26		75130/40800	E160a	7235-40-7	73. 1095	no ADI
Natural Yellow 26		40820	E160e	1107-26-2		0-5 mg
	Turmeric	Indian Saffron	75300	E100i		0-0.1 mg
Acid Yellow 3		Min. 75% mono-sulfonates, max. 15% disulfonates	47005	8004-92-0	74. 1710	0-10 mg
			77492	E172	51274-00-1	73. 1200
Acid Yellow 3		Min. 80% disulfonates, max. 15% monosulfonates	47005	E104	8004-72-0	0-0.5 mg
						0-10 mg
	Lactoflavin			E101i		0-0.5 mg
	Orange Yellow S	Vitamine B2	15985	E110	2783-94-0	74. 1706
Acid Yellow 23			19140	E102	1934-21-0	74. 1705
						0-7.5 mg
		75810	E140			no ADI
		75815	E141		73. 1125	
		42053		2353-45-9	74. 1203	0-25 mg
Acid Green 50	Lissamine Green	Food green 5	44090	E142		0-12.5 mg/Iran
						no ADI
		42090	E133	3844-45-9	74. 1101	0-12.5 mg
	Indigotine		73015	E132	860-22-0	74. 1102
Acid Blue 3		42051	E131	3536-49-0		0-5 mg
						no ADI
	Black BN	Brilliant Black PN	28440	E151	2519-30-4	0-1 mg
			77499	E172	1317-61-9	73. 1200
	Carbon Black	Medicinal Vegetable Charcoal	77266	E153		0-0.5 mg
						no ADI

ADI/WHO ADI recommended by WHO

D&C Designation applied in USA to dyes permitted for use in drugs and cosmetics

FDA Food and Drug Administration (U.S.A.)

FD&C Designation applied in USA to dyes permitted for use in foods, drugs and cosmetics

E Substance allowed for food in European Union

C.I. Color Index numbers of 1971 (U.S.A.)

CAS Chemical abstract number of colorant

CFR Code of Federal Register 21



Indigo Carmine can only be used if:

1. Marketed pack is sealed HDPE bottles, or glass bottles
2. Marketed pack is Alu/Alu sealed blister
3. Concentration of Indigo Carmine should not exceed 0.4 %

Colorants

that are accepted in the E.U., Japan and the U.S.A.

Color	Names	E.U.	Japan F24	U.S.A.
White	 Titanium Dioxide	+	+	+
Beige	 Caramel	+	+	+
Red	Acid Fuchsine B	–	–	F1 +
	Allura Red AC	F2 +	–	F1 +
	Amaranth	F4 –	P	–
	Anthocyanins	+	–	–
	Azorubine	+	–	–
	Beetroot Red	+	–	–
	Canthaxanthin	F4 +	–	+
	 Cochineal Extract	+	K	+
	Eosine YS	–	–	F1 +
	Erythrosine	F4 +*	F10 R	F1 D
	 Iron Oxide Red	+	+	F8 R
	Phloxine B	–	F10 R	F1 +
	Ponceau 4R	+	F10 R	–
	Red 2G	–	–	–
Yellow	 Beta-Carotene	+	F27 +	F27 +
	Curcumin	+	F12 +	–
	D&C Yellow 10	–	–	F1 +
	 Iron Oxide Yellow	+	+	F8 R
	Quinoline Yellow WS	+	–	–
	Riboflavin	+	+	–
	 Sunset Yellow FCF	+	F10 R	F1 +
	Tartrazine	–	F10 P	F1 +
Green	 Chlorophyll & Chlorophyllin and Copper Complexes	+	+	F14 +
	Fast Green FCF	–	F10 R	F1 +
	Green S	+	–	–
Blue	 Brilliant Blue FCF	F3 +	F10 R	F1 +
	 Indigo Carmine	+	F10 R	F1 +
	Patent Blue V	+	–	–
Black	Brilliant Black BN	+	–	–
	 Iron Oxide Black	+	F21 +	F8 R
	Vegetable Carbon	+	F13 +	–

* F4 + for Erythrosine in the E.U. except for the Netherlands.

 Colorants accepted in E.U., Japan and U.S.A.

Colorant status by country

White

	 Caramel	 Titanium Dioxide
Argentina	+	+
Australia	+	+
Austria	+	+
Bangladesh	+	+
Belgium	+	+
Bolivia	+	+
Brazil	+	+
Bulgaria	+	+
Canada	+	+
Chile	+	+
China	+	+
Columbia	+	+
Costa Rica	+	+
Croatia	●	+
Czech Republic	+	+
Denmark	+	+
Ecuador	+	+
Egypt	+	+
Estonia	+	+
Ethiopia	+	+
Finland	+	+
France	+	+
Germany	+	+
Ghana	+	+
Greece	+	+
Guatemala	+	+
Hong Kong	+	+
Hungary	+	+
Iceland	+	+
India	+	+
Indonesia	+	+
Iran	F28 +	+
Ireland	+	+
Israel (and Palestinian authority)	+	+
Italy	+	+
Japan	+	+
Jordan	+	+
Kenya	+	+
Latvia	+	+
Lebanon	+	+

Beige

	 Caramel	 Titanium Dioxide
Lithuania	+	+
Luxembourg	+	+
Malaysia	+	F6 +
Mexico	+	+
Morocco	+	+
Netherlands	+	+
New Zealand	+	+
Nigeria	+	+
Norway	+	+
Pakistan	+	+
Peru	+	+
Philippines	+	+
Poland	+	+
Portugal	+	+
Romania	+	+
Russia	–	+
Saudi Arabia	+	+
Singapore	+	+
Slovakia	+	+
Slovenia	●	+
South Africa	+	+
South Korea	+	+
Spain	+	+
Sri Lanka	+	+
Sweden	+	+
Switzerland	F25 +	+
Syria	+	+
Taiwan	+	+
Thailand	+	+
Tunisia	+	F6 +
Turkey	+	+
U.A.E.	+	+
U.K.	+	+
Ukraine	+	+
Uruguay	+	+
U.S.A.	+	+
Venezuela	+	K
Vietnam	K	K
Yugoslavia (Serbia and Montenegro)	●	+
Zimbabwe	+	+
E.U.	+	+

Colorant status by country

Red

	Acid Fuchsin B	Allura Red AC	Amaranth	Anthocyanins	Azorubine	Beetroot Red	Canthaxanthin	Cochineal Extract	Eosine YS	Erythrosine	Iron Oxide Red	Phloxine B	Ponceau 4 R	Red 2 G
Argentina	-	-	+	-	-	+	+	+	-	+	+	-	+	-
Australia	-	+	+	+	+	-	A	+	-	A	+	-	+	-
Austria	-	F2	F4	+	-	+	F4	-	-	F4	+	-	+	-
Bangladesh	●	+	-	●	-	●	+	+	●	+	+	-	-	●
Belgium	-	F2	F4	+	+	+	F4	+	-	F4	+	-	+	-
Bolivia	+	-	+	-	-	-	+	+	+	+	F8 R	+	+	-
Brazil	-	+	-	-	+	-	+	+	-	+	+	-	+	-
Bulgaria	-	+	F9	+	+	+	F9	+	-	F9	+	-	+	-
Canada	+	+	+	+	-	-	+	+	+	D	+	+	+	-
Chile	-	+	-	-	-	-	+	+	-	-	+	-	-	-
China	-	+	+	-	-	+	-	-	-	+	+	-	+	-
Columbia	+	+	-	-	+	●	+	+	+	+	+	-	+	-
Costa Rica	+	-	-	-	-	-	+	+	+	+	+	-	-	-
Croatia	●	-	+	●	+	●	-	-	●	+	R	●	+	●
Czech Republic	-	-	+	+	+	+	+	+	-	+	+	-	+	-
Denmark	-	F2	F4	+	+	+	F4	+	-	F4	+	-	+	-
Ecuador	+	+	-	-	-	-	+	+	+	D	+	+	-	-
Egypt	+	-	-	+	+	+	+	+	+	+	+	-	+	+
Estonia	-	-	+	+	+	+	+	+	-	+	+	-	+	-
Ethiopia	●	-	+	●	+	●	+	+	●	+	+	-	+	●
Finland	-	F2	F4	+	-	+	F4	+	-	F4	+	-	+	-
France	-	F2	F4	+	+	+	F4	+	-	F4	+	-	+	-
Germany	-	F2	F4	+	+	+	F4	+	-	F4	+	-	+	-
Ghana	●	-	+	●	+	●	+	+	●	+	+	-	+	●
Greece	-	F2	F4	+	+	+	F4	+	-	F4	+	-	+	-
Guatemala	+	+	-	-	-	-	+	+	+	+	+	+	+	-
Hong Kong	-	+	+	-	+	+	+	+	-	+	+	-	+	+
Hungary	-	+	+	+	+	+	+	+	-	+	+	-	+	-
Iceland	-	+	+	+	+	+	+	+	-	+	+	-	+	+
India	-	-	F23	-	+	-	-	+	+	+	+	-	+	-
Indonesia	+	+	+	+	+	+	+	+	-	+	-	-	+	+
Iran	+	F18	-	-	-	-	F18	F18	-	F18 P	F18	-	F18	-
Ireland	-	F2	F4	+	+	+	F4	+	-	F4	+	-	+	-
Israel (and Palestinian authority)	+	+	-	-	+	-	+	+	+	+	+	+	+	-
Italy	-	F2	F4	+	P	+	F4	+	-	F4	+	-	+	-
Japan	-	-	P	-	-	-	-	K	-	F10 R	+	F10 R	F10 R	-
Jordan	●	-	-	●	+	●	-	-	●	+	+	-	+	●
Kenya	●	-	+	●	+	●	+	+	●	+	+	-	+	●
Latvia	+	+	+	+	+	+	+	+	+	+	+	+	+	●
Lebanon	-	+	+	-	+	-	+	-	-	+	+	+	+	+

Colorant status by country

Red

	● Acid Fuchsin B	Allura Red AC	Amaranth	● Anthocyanins	Azorubine	● Beetroot Red	Canthaxanthin	Cochineal Extract	● Eosine YS	Erythrosine	● Iron Oxide Red	Phloxine B	Ponceau 4 R	● Red 2 G
Lithuania	●	-	+	●	+	●	+	+	●	+	+	+	+	●
Luxembourg	-	F2 +	F4 +	+	+	+	F4 +	+	-	F4 +	+	-	+	-
Malaysia	+	+	-	-	+	+	+	+	-	-	F6 +	+	+	-
Mexico	-	+	-	-	-	-	-	-	-	-	F8 D	-	F22 D	-
Morocco	●	-	-	●	+	●	+	+	●	-	+	-	+	●
Netherlands	-	F2 +	F4 +	+	+	+	F4 +	+	-	F4 +	+	-	+	-
New Zealand	-	+	+	+	+	-	+	+	-	+	+	-	+	-
Nigeria	●	+	-	●	+	●	+	+	●	+	+	+	-	●
Norway	-	-	+	+	+	+	+	+	-	+	+	-	+	-
Pakistan	+	+	+	-	+	+	+	+	+	+	+	+	+	+
Peru	-	+	-	+	-	+	+	-	-	+	+	+	-	-
Philippines	+	+	+	-	-	+	+	+	+	+	+	+	-	-
Poland	-	-	-	+	+	+	-	+	-	-	+	-	+	-
Portugal	-	F2 +	F4 +	+	+	+	F4 +	+	-	F4 +	+	-	+	-
Romania	●	-	+	●	+	●	+	+	●	+	+	-	+	●
Russia	-	-	-	-	+	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	+	-	+	+	+	-	+	-	-	+	-	-	-
Singapore	+	+	+	-	+	+	+	+	-	+	+	-	+	-
Slovakia	-	+	+	+	+	+	+	+	-	+	+	-	+	-
Slovenia	●	-	+	●	+	●	-	-	●	+	R	●	+	●
South Africa	-	+	-	+	+	+	+	+	-	+	+	-	+	+
South Korea	-	+	-	-	-	-	-	-	-	D	+	-	-	-
Spain	-	F2 +	F4 +	+	+	+	F4 +	+	-	F4 +	+	-	+	-
Sri Lanka	-	-	-	-	+	-	-	+	-	+	+	-	+	-
Sweden	-	F2 +	F4 +	-	+	-	F4 +	+	-	F4 +	+	-	+	-
Switzerland	-	-	F25 +	+	F25 +	+	+	+	-	+	+	-	F25 +	-
Syria	●	-	+	●	+	●	+	+	●	+	+	-	+	●
Taiwan	-	+	-	-	+	-	-	-	-	+	+	-	+	-
Thailand	+	+	+	-	+	-	+	+	+	+	+	+	+	-
Tunisia	-	-	+	+	+	+	+	+	-	+	F6 +	-	+	-
Turkey	-	-	+	+	+	-	+	+	-	+	+	-	+	-
U.A.E.	●	+	A	●	+	+	+	+	●	+	+	+	+	●
U.K.	-	F2 +	F4 +	+	+	+	F4 +	+	-	F4 +	+	-	+	-
Ukraine	●	-	+	●	+	●	+	+	●	+	+	+	+	●
Uruguay	-	+	+	+	-	+	+	+	+	+	+	+	+	+
U.S.A.	F1 +	F1 +	-	-	-	-	+	+	F1 +	F1 D	F8 R	F1 +	-	-
Venezuela	+	F19 K	-	-	-	+	-	+	+	-	K	+	-	-
Vietnam	-	-	K	K	K	+	F16 K	K	-	K	K	-	K	-
Yugoslavia (Serbia and Montenegro)	●	-	+	●	+	●	-	-	●	+	R	●	+	●
Zimbabwe	+	+	F11 R	-	+	+	+	+	+	+	+	+	-	-
E.U.	-	F2 +	F4 +	+	+	+	F4 +	+	-	F4 +*	+	-	+	-

* F4 + for Erythrosine in the E.U. except for the Netherlands.

Colorant status by country

Yellow

	 Beta-Carotene	Curcumin	D&C Yellow 10	 Iron Oxide Yellow	Quinoline Yellow WS	Riboflavin	 Sunset Yellow FCF	Tartrazine
Argentina	+	+	-	+	+	+	+	+
Australia	+	+	-	+	+	-	+	-
Austria	F27 +	-	-	+	+	+	+	-
Bangladesh	+	-	+	+	+	+	-	-
Belgium	F27 +	+	-	+	+	+	+	F26 +
Bolivia	F27 +	-	-	+	-	-	+	+
Brazil	F27 +	+	-	+	-	+	+	+
Bulgaria	+	+	-	+	+	+	+	+
Canada	F27 +	-	+	+	+	+	+	P
Chile	+	+	+	+	+	+	+	+
China	F27 +	+	-	+	-	-	+	+
Columbia	+	+	+	+	+	+	+	+
Costa Rica	F27 +	-	+	+	+	-	+	+
Croatia	-	+	-	R	+	+	+	+
Czech Republic	+	+	+	+	+	+	+	+
Denmark	+	+	-	+	+	+	+	F26 +
Ecuador	F27 +	-	+	+	-	-	+	+
Egypt	+	+	+	+	+	+	+	F26 +
Estonia	+	+	-	+	+	+	+	+
Ethiopia	+	+	-	+	+	●	+	+
Finland	F27 +	+	-	+	+	+	-	-
France	+	+	-	+	+	+	+	F26 +
Germany	+	+	-	+	+	+	+	F26 +
Ghana	F27 +	+	+	+	+	●	+	+
Greece	+	+	-	+	+	+	+	F26 +
Guatemala	+	-	+	+	+	-	+	+
Hong Kong	+	+	+	+	+	+	+	+
Hungary	+	+	+	+	+	+	+	-
Iceland	+	+	-	+	+	+	+	+
India	+	+	-	+	+	-	+	+
Indonesia	F27 +	+	+	K	+	+	+	+
Iran	F18 +	-	F18 +	F18 +	F18 +	F18 +	F18 +	F25 +
Ireland	+	+	-	+	+	+	+	F26 +
Israel (and Palestinian authority)	+	+	+	+	+	+	+	-
Italy	+	+	-	+	+	+	+	F26 +
Japan	F27 +	F12 +	-	+	-	+	F10 R	F10 P
Jordan	●	+	+	+	+	●	+	-
Kenya	+	+	+	+	+	●	+	+
Latvia	+	+	+	+	+	+	+	+
Lebanon	+	+	-	+	+	-	+	+

Colorant status by country

Yellow

	 Beta-Carotene	Curcumin	D&C Yellow 10	 Iron Oxide Yellow	Quinoline Yellow WS	Riboflavin	 Sunset Yellow FCF	Tartrazine
Lithuania	+	+	-	+	+	●	+	+
Luxembourg	+	+	-	+	+	+	+	F26 +
Malaysia	+	+	+	+	+	+	+	-
Mexico	F27 +	-	-	F8 R	-	-	F26 +	F26 +
Morocco	+	+	-	+	+	●	+	+
Netherlands	+	+	-	+	+	+	+	F26 +
New Zealand	+	+	+	+	+	+	+	-
Nigeria	+	+	-	+	+	●	+	+
Norway	F27 +	+	-	+	+	+	+	+
Pakistan	+	+	+	+	+	+	+	+
Peru	F27 +	+	+	+	-	+	+	+
Philippines	F27 +	+	+	+	+	+	+	+
Poland	+	+	-	+	+	+	+	-
Portugal	+	+	+	+	+	+	+	+
Romania	+	+	+	+	+	●	+	+
Russia	-	-	-	-	+	-	-	-
Saudi Arabia	+	+	-	+	-	+	+	+
Singapore	+	+	+	+	+	-	+	+
Slovakia	+	+	+	+	+	+	+	+
Slovenia	-	+	-	R	+	+	+	+
South Africa	+	+	-	+	+	+	+	-
South Korea	F27 +	-	+	+	+	+	+	+
Spain	+	+	+	+	+	+	+	F26 +
Sri Lanka	+	+	+	+	-	-	+	+
Sweden	F27 +	+	+	+	+	+	+	-
Switzerland	F27 +	+	-	+	+	+	F25 +	-
Syria	+	+	-	+	+	●	+	+
Taiwan	F27 +	-	+	+	K	-	+	+
Thailand	+	+	+	+	+	+	+	+
Tunisia	F27 +	+	+	F6 +	+	+	+	+
Turkey	F27 +	+	+	+	+	+	F9 +	+
U.A.E.	+	+	-	+	+	●	+	+
U.K.	+	+	-	+	+	+	+	F26 +
Ukraine	+	+	-	+	+	●	+	+
Uruguay	+	+	-	+	-	+	+	+
U.S.A.	F27 +	-	F1 +	F8 R	-	-	F1 +	F1 +
Venezuela	K	+	+	K	-	-	+	+
Vietnam	F27 K	K	-	K	K	K	K	F17 K
Yugoslavia (Serbia and Montenegro)	-	+	-	R	+	+	+	+
Zimbabwe	F27 +	+	+	+	+	-	+	F11 R
E.U.	+	+	-	+	+	+	+	-

Colorant status by country

Green

	 Chlorophylls, Chlorophyllin and Copper Complexes	Fast Green FCF	Green S
Argentina	+	+	+
Australia	+	-	+
Austria	+	-	-
Bangladesh	●	-	+
Belgium	+	-	+
Bolivia	-	+	-
Brazil	+	-	-
Bulgaria	+	-	+
Canada	+	+	-
Chile	+	+	-
China	+	-	-
Columbia	-	+	-
Costa Rica	-	+	-
Croatia	●	●	-
Czech Republic	+	-	+
Denmark	+	-	+
Ecuador	+	+	-
Egypt	+	+	+
Estonia	+	-	+
Ethiopia	●	●	+
Finland	+	-	-
France	+	-	+
Germany	+	-	+
Ghana	●	●	+
Greece	+	-	+
Guatemala	-	+	-
Hong Kong	+	-	+
Hungary	+	-	-
Iceland	+	-	+
India	+	+	F23 +
Indonesia	+	+	+
Iran	+	F18 +	-
Ireland	+	-	+
Israel (and Palestinian authority)	+	+	-
Italy	+	-	+
Japan	+	F10 R	-
Jordan	●	●	+
Kenya	●	●	+
Latvia	+	+	+
Lebanon	+	-	+
Lithuania	●	●	+
Luxembourg	+	-	+
Malaysia	+	+	+
Mexico	+	+	-
Morocco	●	●	+
Netherlands	+	-	+
New Zealand	+	+	+
Nigeria	●	●	+
Norway	+	-	+
Pakistan	+	+	+
Peru	-	+	F9 +
Philippines	+	+	-
Poland	+	-	-
Portugal	+	-	+
Romania	●	●	+
Russia	-	-	-
Saudi Arabia	+	+	-
Singapore	+	+	+
Slovakia	+	-	-
Slovenia	●	●	-
South Africa	+	-	+
South Korea	+	+	-
Spain	+	-	+
Sri Lanka	-	+	+
Sweden	+	●	-
Switzerland	+	-	+
Syria	●	●	+
Taiwan	-	+	-
Thailand	+	+	+
Tunisia	+	-	+
Turkey	-	-	+
U.A.E.	●	●	+
U.K.	+	-	+
Ukraine	●	●	+
Uruguay	+	+	-
U.S.A.	F14 +	F1 +	-
Venezuela	+	+	-
Vietnam	+	-	K
Yugoslavia (Serbia and Montenegro)	●	●	-
Zimbabwe	+	+	+
E.U.	+	-	-

Colorant status by country

Blue

	 Brilliant Blue FCF	 Indigo Carmine	Patent Blue V
Argentina	+	+	+
Australia	+	+	+
Austria	F3	+	-
Bangladesh	+	+	-
Belgium	F3	+	+
Bolivia	+	+	+
Brazil	+	+	-
Bulgaria	+	+	+
Canada	+	+	-
Chile	+	+	-
China	+	+	-
Columbia	+	+	+
Costa Rica	+	+	-
Croatia	-	+	+
Czech Republic	-	+	+
Denmark	F3	+	+
Ecuador	+	+	-
Egypt	+	+	+
Estonia	-	+	+
Ethiopia	+	+	+
Finland	F3	+	+
France	F3	+	+
Germany	F3	+	+
Ghana	+	+	+
Greece	F3	+	+
Guatemala	+	+	+
Hong Kong	+	+	+
Hungary	+	+	+
Iceland	+	+	+
India	+	+	-
Indonesia	+	+	-
Iran	F18	F18	+
Ireland	F3	+	+
Israel (and Palestinian authority)	+	+	-
Italy	F3	+	+
Japan	F10 R	F10 R	-
Jordan	-	+	+
Kenya	+	+	+
Latvia	+	+	+
Lebanon	+	+	+
Lithuania	-	+	+
Luxembourg	F3	+	+
Malaysia	+	+	+
Mexico	+	+	-
Morocco	-	+	+
Netherlands	F3	+	+
New Zealand	+	+	K
Nigeria	+	+	+
Norway	-	+	+
Pakistan	+	+	+
Peru	+	+	F9 +
Philippines	+	+	-
Poland	-	+	+
Portugal	F3	+	+
Romania	-	+	+
Russia	-	+	-
Saudi Arabia	+	+	-
Singapore	+	+	+
Slovakia	+	+	+
Slovenia	-	+	+
South Africa	+	+	+
South Korea	+	+	-
Spain	F3	+	+
Sri Lanka	+	+	-
Sweden	F3	+	+
Switzerland	-	+	+
Syria	+	+	+
Taiwan	+	+	-
Thailand	+	+	+
Tunisia	+	+	-
Turkey	-	+	+
U.A.E.	+	+	+
U.K.	F3	+	+
Ukraine	-	+	+
Uruguay	+	+	-
U.S.A.	F1	F1	-
Venezuela	+	+	-
Vietnam	-	K	K
Yugoslavia (Serbia and Montenegro)	-	+	+
Zimbabwe	+	+	+
E.U.	F3	+	+

Colorant status by country

Black

	Brilliant Black BN	Iron Oxide Black	Vegetable Carbon
Argentina	+	+	+
Australia	+	+	+
Austria	+	+	+
Bangladesh	●	+	-
Belgium	+	+	+
Bolivia	+	+	-
Brazil	-	+	+
Bulgaria	+	+	+
Canada	-	+	+
Chile	-	+	-
China	-	+	+
Columbia	-	+	-
Costa Rica	-	+	-
Croatia	●	R	+
Czech Republic	+	+	+
Denmark	+	+	+
Ecuador	-	+	-
Egypt	+	+	+
Estonia	+	+	+
Ethiopia	●	+	+
Finland	-	+	+
France	+	+	+
Germany	+	+	+
Ghana	●	+	+
Greece	+	+	+
Guatemala	-	+	-
Hong Kong	+	+	+
Hungary	+	+	+
Iceland	+	+	+
India	-	+	-
Indonesia	+	+	+
Iran	F18 +	F18 +	+
Ireland	+	+	+
Israel (and Palestinian authority)	+	+	-
Italy	+	+	+
Japan	-	F21 +	F13 +
Jordan	●	+	+
Kenya	●	+	+
Latvia	+	+	+
Lebanon	+	+	+
Lithuania	●	+	+
Luxembourg	+	+	+
Malaysia	+	F6 +	+
Mexico	-	K	-
Morocco	●	+	+
Netherlands	+	+	+
New Zealand	+	+	+
Nigeria	●	+	+
Norway	+	+	+
Pakistan	+	+	+
Peru	F9 +	+	-
Philippines	+	+	-
Poland	+	+	-
Portugal	+	+	+
Romania	●	+	+
Russia	-	-	-
Saudi Arabia	+	+	+
Singapore	+	+	+
Slovakia	+	+	+
Slovenia	●	R	+
South Africa	+	+	-
South Korea	-	+	-
Spain	+	+	+
Sri Lanka	-	+	-
Sweden	-	+	+
Switzerland	F25 +	+	+
Syria	●	+	+
Taiwan	-	+	-
Thailand	-	+	+
Tunisia	+	F6 +	+
Turkey	-	+	+
U.A.E.	●	+	+
U.K.	+	+	+
Ukraine	●	+	+
Uruguay	+	+	+
U.S.A.	-	F8 R	-
Venezuela	-	K	+
Vietnam	K	K	K
Yugoslavia (Serbia and Montenegro)	●	R	+
Zimbabwe	-	+	+
E.U.	+	+	+