

COLORS FROM AROUND THE WORLD

Colorant	INS#	pH	Target Shade	Colorant	INS#	pH	Target Shade
FD&C Red #40 (Allura Red)	129	2-8		Annatto - Bixin	160bi	N/A	
Amaranth*	123	2-8		Annatto - Norbixin	160bii	3.5-8	
Black Carrot	163	2-3.8		Beta-Apo-8'-Carotenal	160e	2-8	
Carmine	120	4-10		Beta-Carotene	160ai-iv	2.5-8	
Carmoisine*	122	2-8		Canthaxanthin	161g	2-8	
Cochineal Extract / Carminic Acid	120	7		Cochineal Extract	120	3	
Beet	162	4-7		Lutein*	161b	3-8	
Elderberry Juice	163	2-3.8		Paprika Oleoresin	160c	2-8	
FD&C Red #3 (Erythrosine)	127	4-8		Saffron	—	2-8	
Grape Juice	163	3		FD&C Yellow #6 (Sunset Yellow FCF)	110	2-8	
Grape Skin Extract	163ii	2-3.8		Beta-Carotene	160ai-iv	2.5-8	
Lycopene (from tomato)	160dii	3-7		Carrot Oil*	160a	2-8	
Lycopene (synthetic)*	160di	3-7		Quinoline Yellow*	104	2-8	
Monascus Color*	—	5-8		Riboflavin	101i	2-8	
Ponceau 4R	124	2-8		FD&C Yellow #5 (Tartrazine)	102	2-8	
Purple Sweet Potato	163	3		Turmeric/Curcumin	100	2.5-6.5	
Red Cabbage	163	2-3.8		Yellow Iron Oxide	172ii	2-8	
Red Iron Oxide	172ii	2-8		Caramel Color I	150a	2-8	
Red Radish	163	2-3.8		Caramel Color II	150b	2-8	
Chlorophyll*	140i	2-8		Caramel Color III	150c	2-8	
Copper Chlorophyll*	141i	2-8		Caramel Color IV	150d	2-8	
FD&C Blue #1 (Brilliant Blue FCF)	133	2-8		Aluminum*	173	2-10	
Gardenia Blue*	—	4-8		Gold*	175	2-10	
Huito*	—	4-6		Mica-Based Pearlescent Pigments	171 & 555	2-8	<i>Various</i>
FD&C Blue #2 (Indigotine)	132	2-8		Silver*	174	2-10	
Red Cabbage	163	7.5		Black Iron Oxide	172i	2-8	
Spirulina	—	5-8		Brilliant Black*	151	2-8	
Butterfly Pea Flower Extract	—	4-8		Vegetable Carbon*	153	2-8	
Butterfly Pea Flower Extract	—	2.5-4		Avalanche™ Opacity Agent	—	2-8	
Black Carrot	163	7		Calcium Carbonate	170	2-8	
Blue Carmine	120	7		Titanium Dioxide	171	2-8	

Technical information and proposed formulations, including any production procedures are believed to be correct. However this does not constitute a guarantee of the accuracy of the information contained herein and a confirming test in your own plant or laboratory is recommended. While we believe materials supplied by our firm are legal in country use, we do not warrant or guarantee their legality and highly recommend users confer with their local health authorities before using.

* Items are not generally permitted for food use in the U.S.