



300 Corporate Drive Suite 14
Blauvelt, New York 10913

Phone 845-358-8600
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RFI COLOR APPLICATION GUIDE

PRODUCT NAME	PRODUCT CODE	COLOR STRENGTH	APPLICATION PH RANGE	HEAT STABILITY	LIGHT STABILITY	SOLUBILITY	TYPICAL APPLICATIONS	RECOMMENDED USAGE LEVEL	SHADE IN APPLICATION
OXYPHYTE® GRAPE CONCENTRATE POWDER	RFI-TC130010	520nm, pH 3.2, 0.04%, absorbance *2000=40000-50000	2.5-5.5	Good	Good	Water Soluble	Beverages, Dietary Supplements	0.01-0.20%	Grape Red to Brownish Red
PAPRIKA OLEORESIN 20000CU	RFI-CC120016	460nm, 20,000CU	N/A	Fair	Good	Water Dispersible	Oil/fat based products, decorations and coatings	0.05-0.2%	Peach to Orange
PAPRIKA OLEORESIN 40000CU	RFI-CC120022	460nm, 38,000-42,000CU	N/A	Fair	Good	Oil Soluble	Oil/fat based products, decorations and coatings	0.05-0.2%	Peach to Orange
PAPRIKA OLEORESIN 52000CU	RFI-CC120014	460nm, 52,000CU	N/A	Fair	Good	Oil Soluble	Oil/fat based products, decorations and coatings	0.05-0.2%	Peach to Orange
PAPRIKA OLEORESIN 80000CU	RFI-CC120015	460nm, 80,000CU	N/A	Fair	Good	Oil Soluble	Oil/fat based products, decorations and coatings	0.005-0.02%	Peach to Orange
PURPLE SWEET POTATO EXTRACT OD20	RFI-CC120007	530nm, pH 3, 1%, OD20±2	2.5-5.5	Excellent	Excellent	Water Soluble	Flavors, Beverages, Dairy Products, Fruit Preparations, Salad Dressing, Sauces, Confections, Dry Mixes, Dietary Supplements	0.05-0.20%	Red (pH 2.5-5.5) to Purple (pH 5.5-6.5)
PURPLE SWEET POTATO POWDER EXTRACT OD20	RFI-CC130007	530nm, pH 3, 1%, OD20±2	2-6.5	Excellent	Good	Water Soluble	Flavors, Beverages, Dairy Products, Fruit Preparations, Salad Dressing, Sauces, Confections, Dry Mixes, Dietary Supplements	0.05-0.20%	Red (pH 2.5-4.5) to Purple (pH 4.5-6.5)



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PURPLE CARROT LIQUID CONCENTRATE OD 8.0-9.9 (WITH POTASSIUM SORBATE)	RFI-CC120011	525nm, pH 3, 1%, OD8.0-9.9	2.5-5.5	Excellent	Excellent	Water Soluble	Flavors, Beverages, Fruit Preparations, Sauces, Confections, Dry Mixes, Dietary Supplements	0.05-0.10%	Strawberry Red (pH 2.5-4.0) to Purple (pH 4.5-5.5)
PURPLE CARROT POWDER CONCENTRATE OD 4.9-5.4	RFI-CC130009	525nm, pH 3, 1%, OD4.9-5.4	2.5-5.5	Excellent	Excellent	Water Soluble	Flavors, Beverages, Fruit Preparations, Sauces, Confections, Dry Mixes, Dietary Supplements	0.10-0.20%	Strawberry Red (pH 2.5-4.0) to Purple (pH 4.5-5.5)
RED CABBAGE LIQUID EXTRACT OD 17	RFI-CC120001	535nm, pH 3, 1%, OD17±2	2.5-6.5	Excellent	Good	Water Soluble	Flavors, Beverages, Frozen Desserts, Dairy Products, Fruit Preparations, Sauces, Marinades, Confections, Cereal, Dietary Supplements	0.05-0.20%	Raspberry Red (pH 2.5-4.5), Purple (pH 4.5-6.5)
RED CABBAGE POWDER EXTRACT OD20	RFI-CC130006	535nm, pH 3, 1%, OD20±2	2.5-6.5	Excellent	Good	Water Soluble	Flavors, Beverages, Frozen Desserts, Dairy Products, Fruit Preparations, Sauces and marinades, Confections, Cereal, Dry Mixes, Dietary Supplements	0.05-0.20%	Raspberry Red (pH 2.5-4.5), Purple (pH 4.5-6.5)
RED RADISH LIQUID EXTRACT OD 20	RFI-CC120003	515nm, pH 3, 1%, OD20±2	2-7.5	Excellent	Good	Water Soluble	Flavors, Beverages, Marinades, Dietary Supplements	0.05-0.20%	Strawberry Red (pH 2-4.5), Purple (pH 4.5-7.5)



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RED RADISH POWDER EXTRACT OD50	RFI-CC130005	525nm, pH 3, 1%, OD48-60	2-7.5	Excellent	Good	Water Soluble	Dry Mixes and Marinades, Dietary Supplements	0.01-0.20%	Raspberry Red (pH 2-4.5), Purple (pH 4.5-7.5)
TURMERIC OLEORESIN 7.7-8.3% CURCUMIN	RFI-CC120017	420nm, 1%, OD123-133	2.5-8.0	Good	Fair	Water Soluble	Bakery Products, Sauces and Candies	0.025-0.075%	Bright Greenish Yellow to Light Orange
TURMERIC POWDER EXTRACT 4-4.5% CURCUMINOIDS	RFI-CC130017	420nm, 1%, 54.4-64.0	2.5-8.0	Good	Fair	Water Dispersible	Dry Mixes and Seasonings	0.05-0.1%	Bright Greenish Yellow to Light Orange