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Natural Food Colors



# Flora Extracts

Empowering Health, Naturally



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## Green

- Green shades are all around us in nature from a light green apple to a deep mint color, which are naturally suited for a wide range of applications in the food and beverage industry. The raw ingredients used by Plant Lipids to achieve these green hues are derived from a variety of sources including Chlorophyll and Copper Chlorophyllin. These ingredients are used to create a range of products, from Oil Soluble Liquids to Water Soluble Liquids and Powders by using Plant Lipids Super-Sol Concept Technology.
- These formulations are designed with you, the customer in mind, so whatever your application – savory, ready meals, sauces, beverages, confectionery or dairy, we have the perfect, tailor-made products, to deliver these shades.

Product Name	Solubility	Form	Stability			Typical Applications
			pH	Heat	Light	
Sodium Copper Chlorophyllin	Water Soluble	Liquid/Powder	5	5	4	Dairy, Bakery, Confectionery, Beverages, Meat, Poultry, Sea Foods, Seasoning, Sauces, Curries, Extruded Snacks, Decorations, Coatings & Fruit preparations
	Oil Soluble	Liquid	5	5	4	Meat, Poultry & Sea Foods, Fats & Oils, Decorations, coatings & Fruit preparations
Copper Chlorophyll	Water Soluble	Liquid	5	5	5	Bakery, Confectionery, Meat, Poultry, Sea Foods, Seasoning, Sauces, Curries & Extruded Snacks
	Oil Soluble	Liquid	5	5	5	Meat, Poultry & Sea Foods, Fats & Oils, Decorations, coatings & Fruit preparations
Non-Chlorophyll Green	Water Soluble	Liquid	3	3	3	Dairy, Beverages, Confectionery, Meat & Poultry.

## Orange

- Orange shades conjure images from pale orange to deep intense Orange hues which are naturally suited for a wide range of applications in the food and beverage industry. The raw ingredients used by Plant Lipids to achieve these orange hues are derived from a variety of sources including Annatto, Beta Carotene & Paprika. These ingredients are used to create a range of products, from Oil Soluble Liquids to Powders and Water Dispersible Liquids by using Plant Lipids Super-Sol Concept Technology.
- These formulations are designed with you, the customer in mind, so whatever your application – savory, ready meals, sauces, beverages, confectionery, or dairy, we have the perfect, tailor-made products, to deliver these shades.

Product Name	Solubility	Form	Stability			Typical Applications
			pH	Heat	Light	
Paprika	Water Soluble	Liquid/Powder	5	5	4	Dairy, Bakery, Confectionery, Meat, Poultry, Sea Foods, Seasoning, Sauces, Curries, Extruded Snacks
	Oil Soluble	Liquid/Powder	5	5	4	Meat, Poultry, Sea Foods, Decorations, Coatings, Fats & Oils
Annatto Bixin	Oil Soluble	Liquid	5	5	5	Fats & Oils, Cheese, Butter, Decorations
	Water Soluble	Liquid	4	5	5	Dairy, Seasoning, Extruded Snacks, Pharmaceuticals, Bakery & Confectionery
Annatto Norbixin	Water Soluble	Liquid/Powder	4	3	4	Dairy, Decorations, Fruit preparations, Bakery & Confectionery
Safflower	Water Soluble	Liquid	5	5	5	Beverages, Decorations, Coatings & Fruit preparations

## Pink

- Pink shades vary from a deep pink to an intense deep purple hue which are naturally suited for a wide range of applications in the food and beverage industry. The raw ingredients used by Plant Lipids to achieve these pink to purple hues are derived from a variety of sources including Beetroot, Carmine & Anthocyanin based products including Black Carrot, Red Radish, Purple Sweet potato. These ingredients are used to create a range of products, from Oil Soluble Liquids to Water Soluble Liquids and Powders.
- These formulations are designed with you, the customer in mind, so whatever your application – savory, ready meals, sauces, beverages, confectionery or dairy, we have the perfect tailor-made products to deliver these shades.

Product Name	Solubility	Form	Stability			Typical Applications
			pH	Heat	Light	
Betanin (Beetroot)	Water Soluble	Liquid/Powder	4	3	4	Dairy, Bakery, Confectionary, Beverages, Sauces, Seasoning, Curries
	Oil Soluble	Liquid	4	3	4	Fats & Oils, Decorations, Coatings
Anthocyanin (Red Raddish)	Water Soluble	Liquid/Powder	3	4	4	Dairy, Bakery, Confectionary, Fruit preparations
Anthocyanin (Black Carrot, Sweet Potato)	Water Soluble	Liquid/Powder	3	4	4	Dairy, Bakery, Confectionary, Beverage, Pharmaceuticals, Decorations, Coatings & Fruit preparations
Carmine	Water Soluble	Liquid	3	3	3	Dairy, Beverages, Confectionery, Meat & Poultry.
	Oil Soluble	Liquid	5	5	4	Fats, Oils, Decorations, Coatings

## Red

- Red shades vary from a deep pink to an intense deep red hue which are naturally suited for a wide range of applications in the food and beverage industry. The raw ingredients used by Plant Lipids to achieve these red hues are derived from a variety of sources including Beetroot, Carmine, Monascus, & Anthocyanin based products including Black Carrot, Red Radish and Purple Sweet potato.
- Our formulations are designed with you, the customer in mind, so whatever your application – savory, ready meals, sauces, beverages, confectionery or dairy, we have the perfect, tailor-made products, to deliver these shades.

Product Name	Solubility	Form	Stability			Typical Applications
			pH	Heat	Light	
Betanin (Beetroot)	Water Soluble	Liquid/Powder	4	4	4	Dairy, Bakery, Confectionary, Beverages, Sauces, Seasoning, Curries
	Oil Soluble	Liquid	4	4	4	Fats & Oils
Anthocyanin (Red Raddish)	Water Soluble	Liquid/Powder	4	4	4	Bakery, Confectionery, Beverages, Sauces, Curries, Extruded Snacks
Anthocyanin (Black Carrot, Sweet Potato)	Water Soluble	Liquid/Powder	4	4	4	Bakery, Confectionery, Beverages, Sauces, Curries, Extruded Snacks
Carmine	Water Soluble	Liquid/Powder	4	5	5	Meat, Poultry, Sea Foods, Sauces, Curries, Extruded Snacks, Bakery & Confectionery
Monascus Red	Water Soluble	Liquid	5	5	4	Bakery, Meat, Poultry, Seasoning, Sauces, Curries, Extruded Snacks

# Yellow



- Yellow shades vary from a pastel yellow to an intense deep lemon hue which are naturally suited for a wide range of applications in the food and beverage industry. The raw ingredients used by Plant Lipids to achieve these yellow hues are derived from a variety of sources including Curcumin, Marigold, Beta Carotene & Safflower.
- These ingredients are used to create a range of products, from Oil Soluble Liquids to Powders and Water Dispersible Liquids by using Plant Lipids Super-Sol Concept Technology.
- These formulations are designed with you, the customer in mind, so whatever your application – savory, ready meals, sauces, beverages, confectionery or dairy, we have the perfect tailor-made products to deliver these shades.

Product Name	Solubility	Form	Stability			Typical Applications
			pH	Heat	Light	
Curcumin	Water Soluble	Liquid/Powder	4	5	4	Dairy, Bakery, Confectionery, Beverages, Meat, Poultry, Sea Foods, Seasoning, Extruded Snacks, Pharmaceuticals, Decorations, Coatings & Fruit preparations
	Oil Soluble	Liquid	5	5	4	Meat, Poultry, Decorations, Coatings, Fats & Oils
Beta Carotene	Water Soluble	Liquid/Powder	5	5	5	Dairy, Bakery, Confectionery, Beverages, Meat, Poultry, Sea Foods, Seasoning, Extruded Snacks, Pharmaceuticals, Decorations, Coatings & Fruit preparations
	Oil Soluble	Liquid	5	5	5	Meat, Poultry, Sea Foods, Decorations, Coatings, Fruit preparations, Fats & Oils
Xanthophyll (Marigold)	Water Soluble	Liquid	5	5	4	Dairy, Bakery, Confectionery, Pharmaceuticals, Sauces, Curries
	Oil Soluble	Liquid	5	5	4	Fats & Oils
Safflower	Water Soluble	Liquid/Powder	5	4	4	Pharmaceuticals, Dairy, Bakery & Confectionery



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