

FOOD COLOURANTS & INGREDIENTS



A Complete Line of GFSI
Food Colourants



calico
A VIVIFY COMPANY



PRODUCT LIST

A complete line of GFSI Food Colourants for the Canadian and USA markets.

***GFSI *Halal *Kosher *Non-GMO *Organic**

Natural Food Colour:

- ◆ Clean Label
- ◆ Natural Lakes

Synthetic Food Colour:

- ◆ FD&C Dyes, Lakes

Custom Colour Innovation For New Products:

- ◆ Liquids
- ◆ Oil Dispersions
- ◆ Powder Blends
- ◆ Pre-weighed Packages
- ◆ Technical Expertise In Colour Matching & New Colour Development



Technical Assistance Using Natural Colour In Your Application.

Suitable For Other Food & Non Food Applications:

- ◆ Agriculture
- ◆ Cannabis
- ◆ Food Grade Ink
- ◆ Household, Institutional & Industrial
- ◆ Marking Pens
- ◆ Nutraceutical
- ◆ Personal Care
- ◆ Pharmaceutical

NATURAL BLENDS

Custom Blending For New Products

Calico provides a complete line of Natural colours to serve the Canadian & U.S. markets and we can help you navigate the labeling and regulatory environment.

Food consumers have more choices available to them today than ever before. This increasingly specialized and diversified market requires food manufacturers to rapidly address ever-evolving customer tastes and demands.

Our job is to help our customers respond to changing market dynamics with innovative solutions. Whether it is key ingredient inclusion, "free from" labeling, addressing a niche consumer demand, satisfying a company marketing mandate, or implementing a R&D initiative – we can help you achieve your goal.

With over 1,000 custom product formulations, including; powder blends, liquids and oil dispersions; our team can help you solve any colour challenge.

Our customers have come to rely on us for technical expertise in colour matching, new colour development and colour problem solving. With our on-site lab, you can ensure that our technical team is ready to get to work for you with next-day samples.





Product Types:

- ◆ Blends
- ◆ Dispersions
- ◆ Lakes
- ◆ Liquids
- ◆ Oil Soluble
- ◆ Organic
- ◆ Powders
- ◆ Water Soluble

Application Considerations:

- ◆ pH
- ◆ Solubility
- ◆ Light & Heat Stability
- ◆ Oxygen Sensitivity

Technical assistance includes:

- ◆ Regulatory Assistance
- ◆ Expert Colour Matching
- ◆ Application Advice


Other colours include:

- ◆ Synthetic Dyes
- ◆ Lakes
- ◆ Blends



NATURAL COLOURS

The Right Recipe for a Clean Label Future.

Red Shades

Type	Colour	Source	Shade
Anthocyanins (Vegetables)	Red / Purple	Carrot, Red Cabbage, Purple Sweet Potato, Red Radish	
Anthocyanins (Fruits)	Red / Purple	Grape, Elderberry, Maqui	
Beetroot	Red	Red Beetroot	
Carmine	Red	Cochineal Insect	
Lycopene	Red / Orange	Tomato	
Paprika	Red / Orange	Red Pepper	

Yellow and Orange Shades

Type	Colour	Source	Shade
Carotenoids	Yellow / Orange	Annatto Seed Beta Carotene	
Curcumin	Yellow	Turmeric	

Other Shades

Type	Colour	Source	Shade
Caramel	Brown	Caramelized Sugar	
Chlorophyll	Green	Green Leaf	
Spirulina	Blue	Algae	
Titanium Dioxide	White	Anatase	

NATURAL LAKE COLOURS

True Lake pigments that are direct replacements for Synthetic Lake colours.

PROFILE

High-performing natural pigments:

- Odorless & Flavorless
- High Colour Strength
- Entirely From Plant Origins
- Wide Array Of Colours
- Certified Kosher
- Uniform Visual Appearance (no speckling)
- Compatible With Most Dispersion Systems
- Vegan

A safe alternative that satisfies the highest industry standards:

- Very Fine Powders Made Up Of Natural Dyes, Encapsulated In A Water-Insoluble Protein Matrix
- No Aluminum Salt As Found In Artificial Pigments
- Allergen Free

APPLICATIONS

Confectionary:

- Ideal For Pan Coating Operations
- Available Dispersed In Sucrose, Vegetable Oil, Propylene Glycol Or Glycerine
- Offered In A Wide Variety Of Colours
- Will Not Bleed And Gives An Even Coverage

Spice & seasoning blends:

- Blends Evenly With Most Powders
- No Speckling
- No Off Flavours









Tableting for food, pharmaceutical or supplements:

- Blends In Perfectly To Give Even Coverage With No Spots Or Specks
- Can Be Dispersed With Film Coating Systems
- No Bleed Or Off Flavours

Fats & compound coatings:

- Blends Smoothly Into Fat Based Systems
- Available Predispersed In Vegetable Oils
- Good Stability & Chromaticity



Product Code	Colour	Colouring Principle	Sensitivity	Shade
CA1800	Red	Beetroot	Heat	
CA1857	Purple	Red Cabbage	pH	
CA1858	Yellow	Turmeric	Light	
CA2745	Yellow	Riboflavin	High Heat	
CA2251	Orange	Annatto	pH	
CA2252	Blue	Red Cabbage	pH	
CA2615	Sky Blue	Spirulina	pH & Heat	
CC3494	Green	Spirulina / Turmeric	pH, Heat & Light	



Product Types:

- 🔥 Primary Colours
- 🔥 Low & High Dye Content Lakes
- 🔥 Blends
- 🔥 Liquid Colours
- 🔥 Lake Dispersions:
 - Sucrose
 - Vegetable Oil
 - Glycerin
 - Propylene Glycol
 - Trans Free Available

Applications: Dyes

- 🔥 Beverages
- 🔥 Desserts
- 🔥 Pet Foods
- 🔥 Baked Goods
- 🔥 Cereals
- 🔥 Confections









Applications: Lakes











- 🔥 Low Moisture Content Products
- 🔥 Surface Applications
- 🔥 Snacks
- 🔥 Panned Confections

Technical Assistance Includes:

- 🔥 Regulatory Advice
- 🔥 Expert Colour Matching
- 🔥 Application Advice

SYNTHETIC DYES & LAKES: FD&C COLOURS

Dye	EU Number	Colour Name	Shade
FD&C Blue 1	E133	Brilliant Blue FCF	
FD&C Blue 2	E132	Indigotine	
FD&C Green 3	E143	Fast Green FCF	
FD&C Red 3	E127	Erythrosine	
Amaranth	E123	Amaranth	
FD&C Red 40	E129	Allura Red	
FD&C Yellow 5	E102	Tartrazine	
FD&C Yellow 6	E110	Sunset Yellow	

Lake	EU Number	Colour Name	Shade
FD&C Blue 1	E133	Brilliant Blue Lake	 
FD&C Blue 2	E132	Indigotine Lake	 
FD&C Red 40	E129	Allura Red Lake	 
FD&C Yellow 5	E102	Tartrazine Lake	 
FD&C Yellow 6	E110	Sunset Yellow Lake	 

SPECIALTY & CUSTOM INGREDIENTS

We Can address your Application-Specific needs with Best-In-Class products from our global partners

PARTNERS | FOOD COLOURANTS

Nature's True Colors

When we say "Nature's True Colors", we mean exactly that—true colours from nature. California Natural Color offers a wide selection of colour concentrates and dried crystals to the food, beverage, and nutraceutical industries.



- ◆ Colours From Fruit and Vegetable Sources
- ◆ Unique Liquid and Crystal Colour Systems
- ◆ Clean Label Colours
- ◆ No Carriers or Additives
- ◆ Superior Colour Stability

Divi's Nutraceutical is committed to providing the highest quality carotenoid and vitamin ingredient solutions. Using innovative approaches, they strive to create world-class products. Divi's sees customers as partners in success now and in the future. Quality of products, services and management play key roles in Divi's decision-making and strategy implementation. Product forms are fully compliant with the current regulatory requirements of the US and EU standards for use in food, dietary supplements and animal feed.



Nutraceuticals

- ◆ Beta-Carotene
- ◆ Apocarotenal
- ◆ Lutein
- ◆ Lycopene
- ◆ Canthaxanthin
- ◆ Astaxanthin
- ◆ Vitamins A, D & E

Lycored is a global leader in lycopene based color ingredients for food and beverages, harnessing nature's rainbow to deliver you brilliant yellows, oranges, pinks and reds that can withstand even the most demanding processing and storage conditions.



- ◆ Products Made from Tomatoes
- ◆ Certified Kosher & Halal
- ◆ Vegetarian Friendly & Non-GMO
- ◆ Heat, Light and pH Stable
- ◆ Clean Label
- ◆ More Packaging, Display & Storage Flexibility

PARTNERS | FOOD INGREDIENTS



Natural flavour enhancers:

- ◆ Natural MSG replacers
- ◆ Autolyzed yeast extracts – chicken, beef, pork, meat
- ◆ Salt enhancers
- ◆ No Carriers or Additives
- ◆ Superior Colour Stability

Natural preservative:

- ◆ Mould inhibitor and bacteria inhibitor



Savoury & Sweet Flavours:

- ◆ Natural, certified organic, Non GMO, extracts for variety of applications
- ◆ Vegan meaty/fatty flavor keys
- ◆ Modulatory technology
- ◆ Liquid, pastes and powdered forms available
- ◆ With Brookside's expertise, we'll work together with you to create finished products that are healthy, natural and good for all of us



Natural Extracts & Distillates:

- ◆ Pure vanilla extract
- ◆ Tea and numerous plant extracts & distillates
- ◆ Chocolate extracts & distillates



Confectionary glazes and coatings:

- ◆ Natural edible coatings for various food applications
- ◆ Aesthetic and functional benefits



Sugar & Sodium Enhancement with Natural Flavors:

- ◆ Natural Flavour Enhancer
- ◆ Mouthfeel/Sweetness/Cocoa/Salt Enhancers
- ◆ Masking



Vitamin and Mineral Premixes:

- ◆ Vitamins, minerals, amino acids, botanicals, omega 3's
- ◆ Blends, pre-weighed packages, microencapsulation

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CALICO

620 Cataraqui Woods Drive.
Unit 5
Kingston, ON K7P 1T8
Canada

+1 613.634.6836

www.calico.ca
info@calico.ca



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our website for more
product information



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COLOR
INGREDIENTS
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