

Source: Turmeric Shade:

Regulatory Status: FSSAI / EC/231/2012 / US FDA /

Product Name	Strength	Form	Solubility	Stability			
Product Name	Strength	FOIII	Solubility	to pH	to Light	to Heat °C	
Oleoresin Turmeric, WS	10%	Liquid	Water Dispersible	1-7	1	150 °C	
Oleoresin Turmeric, OS	30%	Liquid	Oil	Greater than pH-7, it turn Yellow to Orange in shade.	1	80 °C	
Curcumin, WS	25%	Powder	Water Dispersible	2-7	1	150 °C	
Curcumin OS	95%	Powder	Oil	Greater than pH-7, it turn Yellow to Orange in shade.	1	100 °C	

Identified uses: • Sugar Confectionary • Ice Cream • Drymixes For Puddings • Drinks • Pickles • Cereal Products • Meat And Meat Products • Fish And Fish Products • Eggs And Eggs Products • Dairy Products

## NEELINATURAL VEGETABLE LUTEIN

Source: Marigold Flower Shade:

Regulatory Status: FSSAI X EC/231/2012 V US FDA V

Product Name	Strongth	Form	Solubility		Stability		
Product Name	Strength Fori		Solubility		to Light	to Heat °C	
Oleoresin Lutein	10%	Liquid	Oil	N/A	1	80 °C	
Oleoresin Lutein	15%	Liquid	Oil	N/A	1	80 °C	

Identified uses: • Food Flavour • Pharmaceuticals

# NEELINATURAL BETA CAROTENE

Source: Synthetic Shade:

Regulatory Status: FSSAI / EC/231/2012 / US FDA /

Product Name	Strongth	Strength Form		Stability			
Product Name	Strength	FOIII	Solubility	Solubility to pH	to Light	to Heat °C	
Beta Carotene OS Liquid 30%	30%	Liquid	Oil	2.5 - 8	1	100 °C	

**Identified uses:** Used as a coloring agent or as a nutrient especially for oils, fats and oil based foods (margarine, cheese).



Source: Oil Palm Fruit Shade:

Regulatory Status: FSSAI / EC/231/2012 / US FDA /

Product Name	Strength	Form	Solubility	Stability			
Product Name	Strength	FOIII	Solubility	to pH	to Light	to Heat °C	
Beta Carotene 1% Powder	1%	Powder	Water	3 - 7	1	100 °C	

**Identified uses:** Used as a colouring agent in Ice Cream, Salad Dressings, Backery Products, Soups. Also applied in Pharmaceutical preparations such as oral dosage forms and soft gelatin capsules.

### NEELINATURAL ANNATTO SEEDS

Source: Annatto Seeds Shade:

Regulatory Status: FSSAI / EC/231/2012 / US FDA /

Product Name Str	Strength	Form	Solubility		Stability		
Product Name	Strength	FOITH SOIDDING	Solubility	to pH	to Light	to Heat °C	
Annatto WS	2.5%	Powder	Water	7-11	1	130 °C	
Annatto OS	0.10%	Liquid	Oil	N/A	1	130 °C	

**Identified uses:** • Cheese • Butter • Margarine • Cakes • Biscuits • Dairy Products • Soft Drink • Snacks • Meat • Fish • Grain Based Products



Source: Sugar Shade:

Regulatory Status: FSSAI V EC/231/2012 V US FDA V

Product Name	Strength	n Form Solubility		Stability			
Product Name	Strength	FOIII	Solubility	to pH	to Light	to Heat °C	
Plain Caramel	Type I	Powder	Water	4-7	1	100 °C	
Plain Caramel	Type I	Liquid	Water	4-8	1	130 °C	
Caustic Sulphite Caramel	Type II	Liquid	Water	3-4	1	130 °C	
Ammonia Caramel	Type III	Powder	Water	4-5	1	100 °C	
Ammonia Caramel	Type III	Liquid	Water	4-5	1	130 °C	
Sulphite Ammonia Caramel	Type IV	Powder	Water	4-9	1	100 °C	
Sulphite Ammonia Caramel	Type IV	Liquid	Water	2.5-3.5	1	130 °C	

Identified uses: • Beer • Brown Bread • Chocolate • Cookies • Spirits And Liquor • Fillings And Toppings • Dessert Mixes • Doughnuts • Ice Cream • Soft Drinks (Especially Colas) • Sweets



Source: Chilli Shade:

Regulatory Status: FSSAI / EC/231/2012 / US FDA /

Product Name	Strength	Form	Solubility	Stability		
Product Name	Strength Form		Solubility	to pH	to Light	to Heat °C
Oleoresin Paprika WS	40000CU	Liquid	Water	2-12	1	100°C
Oleoresin Paprika OS	40000CU	Liquid	Oil	N/A	1	100°C
Oleoresin Paprika WS	40000CU	Powder	Water	2-12	1	100°C
Oleoresin Paprika WS	50000CU	Liquid	Water	2-8	1	100°C
Oleoresin Paprika OS	80000CU	Liquid	Oil	N/A	1	100°C
Oleoresiii raprika 05	100000CU	Liquid	Oil	N/A	1	100°C

Identified uses: • Cheese • Dairy-based Drinks • Desserts • Edible Ices • Fermented Fruit Products • Jams • Jellies • Orange Juice • Processed Vegetables • Spice Mixture • Sauces • Processed Meats

## NEELINATURAL BEET ROOT

Source: Beet Shade:

Regulatory Status: FSSAI / EC/231/2012 / US FDA /

Product Name	Strongth	Form	Solubility		Stability	
Product Name	Strength	FOIIII	Solubility	to pH	to Light	to Heat °C
Beet Root Powder	0.30 - 0.40%	Powder	Water	3-7	1	80 °C

Identified uses: • Frozen Products • Ice Cream And Soft Beverages • Yogurt • Confectionary • Sugar Coatings • Baked Goods • Candies • Jellies • Fruit Cocktails • Meat And Sausages • Hot Processed Candies

#### NEELINATURAL CHLOROPHYLLIN

Source: Grass edible plants Shade:

Regulatory Status: FSSAI imes EC/231/2012  $\checkmark$  US FDA imes

Product Name	Strength	Form	Solubility	Stability			
Product Name	Strength	Form	Solubility to pH		to Light	to Heat °C	
Sodium Copper Chlorophyllin	95%	Powder	Water	N/A	N/A	100 °C	

**Identified uses:** • Desserts • Beverages • Dairy Products • Ice Cream • Bakery Products • Confectionery • Fruit Preparation • Soups • Sauces • Snack Food • Seasonings • Convenience Food

#### NEELINATURAL CHLOROPHYLL

Source: Leaves Spinach grass Shade:

Regulatory Status: FSSAI V EC/231/2012 V US FDA X

Product Name	Strength	Form Solubili		Stability			
	Strength	Form	Solubility	to pH	to Light	to Heat °C	
Copper Chlorophyll OS	4%	Liquid	Oil	N/A	1	100 °C	
Copper Chlorophyll WS	4%	Liquid	Water	1-12	1	100 °C	

**Identified uses:** • Confectionary • Yoghurts • Ice Cream • Cereal • Starch-based Desserts • Cooked Fish And Fish Products • Mixes For Soups And Broth



Oleoresin Capsicum

1.5M SHU GL OS

Gardenia Blue

#### **Other Natural Colouring &** Flavouring products

Source: Gardenia fruit, Hibiscus Flowers, Shade: Capsicum, Gardenia fruit Regulatory Status: FSSAI X EC/231/2012 X US FDA X **Stability Product Name** Strength Form Solubility to Heat °C to pH to Light 6-9 Gardenia Yellow N/A Powder Water 150°C stable at 2% **Powder** 1 Anthocyanin WS Water 100°C 3.5 & below **1.5M SHU** 

Liquid

Powder

Oil

Water

N/A

4-8

1

1

100°C

150°C

NEELINATURAL	RIBOFLAVIN

10000 CU N/A

Natural Food Colours Source: Strain Shade: US FDA X Regulatory Status: FSSAI X EC/231/2012 V **Stability Product Name** Strength **Form** Solubility to pH to Light to Heat °C Neelinatural Riboflavin 5' 70-80% Powder Water N/A N/A N/A - Phosphate Applications: • Used as colourant in various Food, Pharmaceuticals & cosmetics product

## INATURAL SPIRULINA

Source: Nut of Spirulina Shade:

Regulatory Status: FSSAI / EC/231/2012 X US FDA X

Product Name	Strength	Form	Solubility	Stability to pH to Light to Heat °C			
Product Name	Strength	treligtii Foriii		to pH	to Light	to Heat °C	
Neelinatural Spirulina Blue	E1 % 16 - 20					Below 40°C	

Applications: Used as colourant in various food products such as fruit, flavored beverages, compound wine, candy, jam, pastry, cake, etc., & Pharmaceutical products.

#### EELINATURAL PURPLE CARROT

**Source:** Tuberous Roots of Black Carrot **Shade:** 

Regulatory Status: FSSAI / EC/231/2012 X US FDA X

Product Name	Strength	Form	Solubility	Stability		
			Solubility	to pH	to Light	to Heat °C
Neelinatural Purple Carrot	E1 % 55 - 65	Powder	Water	3-5	N/A	Below 100°C

Applications: Used as colourant in various food products such as beverages, confections, sorbets, sauces etc., & Pharmaceutical products



Source: Wood, bamboo, coconut, etc Shade:

Regulatory Status: FSSAI X EC/231/2012 ✓ US FDA X

Product Name	Strength	Form	Solubility	Stability		
Product Name				to pH	to Light	to Heat °C
Vegetable Carbon Black	95%	Powder	Insoluble	-	7	300°C

Identified uses: • sugar confectionary • ice cream • drymixes for puddings • drinks • pickles • dairy products · cereal products · meat and meat products · fish and fish products · eggs and eggs products · pharmaceuticals

#### Note:

- Stability to Light fastness is measured on the scale of 1 to 8: Excellent: 8, Very Good: 7, Good: 6, Moderate: 5, Very Fair: 4, Fair: 3, Poor: 2, Very poor: 1.
- The Key colour used in above products is approved by respective legislations marked in regulatory status.
- There is difficult to maintain variation in Physical appearance & Tone considering natural origin as well as seasonal variation of key raw material.

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#### **CERTIFICATIONS**



Certified by IRQS











**FSMS 005** 











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