



 **NATUREZA**
Colours derived from nature



Natureza Curcumin



DESCRIPTION :

Natureza Curcumin colour extracted from turmeric (*Curcuma longa*) via solvent extraction method

INCI NAME : Curcumin

CAS NO : 458-37-7

EC NO : 207-280-5

E NUMBER : E 100

CI. NO : 75300

SPECIFICATION :

Solubility : Soluble in water
pH : Between 4.0 – 7.0

RECOMMENDED DOSAGE:

0.1 % to 0.5% depending on the application.

APPLICATIONS :



Beverage



Bakery



Confectionery



Dairy



Culinary foods



Cosmetics



Pharma

PRODUCT, PHYSICAL FORM & CODE :

- Natureza Curcumin Powder 95% AP:
Yellow to orange colour powder (5003AP)
- Natureza Curcumin WP:
Yellow coloured powder (5006WP)
- Natureza Curcumin WL:
Yellow coloured liquid (5007WL)
- Natureza Curcumin OL:
Bright yellow coloured liquid (5008OL)

REGULATORY COMPLIANCE :

- E 100, COMMISSION REGULATION (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council.
EU Cosmetics Regulation (EC) No 1223/2009 Annex IV and its amendments and EU Directive 231/2012, Purity criteria as set out in Commission Directive 95/45/EC (E 100)
- US Code of Federal Regulations Title 21 (21CFR) : 21 CFR 73.600 (Colour additive exempted from Certification)



Natureza Annatto



DESCRIPTION :

Natureza bixin orange colour,
Natureza nor-bixin orange yellowish
colour extracted from annatto seeds
via solvent extraction method.

INCI NAME : Bixin & Norbixin (Annatto)

CAS NO : 1393-63-1

EC NO : 215-735-4

E NUMBER : E 160b

CI. NO : 75120

SPECIFICATION :

Solubility : Bixin : Soluble in Oil
Nor-bixin : Soluble in water
pH : Between 4.0 – 7.0

RECOMMENDED DOSAGE:

0.1 % to 1.0% depending on the application.

APPLICATIONS :



Beverage



Bakery



Confectionery



Dairy



Culinary foods



Cosmetics



Pharma

PRODUCT, PHYSICAL FORM & CODE :

- Natureza Annatto powder WP:
Orange coloured powder (5002WP)
- Natureza Annatto liquid OL:
Reddish orange coloured liquid (5001OL)

REGULATORY COMPLIANCE :

- 160b, COMMISSION REGULATION (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council
EU Cosmetics Regulation (EC) No 1223/2009 Annex IV and its amendments and EU Directive 231/2012, Purity criteria as set out in Commission Directive 95/45/EC (E 100)
- US Code of Federal Regulations Title 21 (21CFR) : 21 CFR 73.30 (Colour additive exempted from Certification)



Natureza Beta Carotene



DESCRIPTION :

Natureza Beta Carotene colour extracted from *Capsicum annuum* via solvent extraction method.

INCI NAME : Carotenoids

CAS NO : 127-40-2

EC NO : 204-840-0

E NUMBER : E 160a

CI. NO : 75120

SPECIFICATION :

Solubility : Soluble in vegetable oil
pH : Between 4.0 – 7.0

RECOMMENDED DOSAGE:

0.1 % to 1.0% depending on the application.

APPLICATIONS :



Beverage



Bakery



Confectionery



Dairy



Culinary foods



Cosmetics



Pharma

PRODUCT, PHYSICAL FORM & CODE :

- Natureza Beta Carotene powder WP:
Orange red crystalline granular (5009WP)
- Natureza Beta Carotene liquid WL:
Orange red liquid (5010WL)

REGULATORY COMPLIANCE :

- E 160a, COMMISSION REGULATION (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council.
EU Cosmetics Regulation (EC) No 1223/2009 Annex IV and its amendments and EU Directive 231/2012, Purity criteria as set out in Commission Directive 95/45/EC (E 100)
- US Code of Federal Regulations Title 21 (21CFR) : (Colour additive exempted from Certification)



Natureza Beetroot



DESCRIPTION :

Natureza Beetroot pink colour extracted from beetroot (*Beta vulgaris*) via solvent extraction method.

INCI NAME : Betanin

CAS NO : 7659-95-2

EC NO : 231-628-5

E NUMBER : E 162

CI. NO : 75120

SPECIFICATION :

Solubility : Soluble in water
pH : Between 4.0 – 7.0

RECOMMENDED DOSAGE:

0.1 % to 1.0% depending on the application.

APPLICATIONS :



Beverage



Bakery



Confectionery



Dairy



Culinary foods



Cosmetics



Pharma

PRODUCT, PHYSICAL FORM & CODE :

- Natureza Beetroot powder WP:
Pink coloured powder (5011WP)

REGULATORY COMPLIANCE :

- E 162, COMMISSION REGULATION (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council.
EU Cosmetics Regulation (EC) No 1223/2009 Annex IV and its amendments and EU Directive 231/2012, Purity criteria as set out in Commission Directive 95/45/EC (E 100)
- US Code of Federal Regulations Title 21 (21CFR) : 21 CFR 73.600 (Colour additive exempted from Certification)

Natureza Anthocyanins



DESCRIPTION :

Natureza Anthocyanins red colour extracted from berry and vegetable source via solvent extraction method

INCI NAME : Anthocyanins

CAS NO : 11029-12-2

EC NO : 208-438-6

E NUMBER : E 163

SPECIFICATION :

Solubility : Soluble in water

pH : Between 4.0 – 7.0

RECOMMENDED DOSAGE:

0.1 % to 0.5% depending on the application.

APPLICATIONS :



Beverage



Bakery



Confectionery



Dairy



Culinary foods



Cosmetics



Pharma

PRODUCT, PHYSICAL FORM & CODE :

- Natureza Anthrocyanine Red WP :
Magenta Red colour powder (5004WP)
- Natureza Anthrocyanine Red WL:
Magenta Red colour liquid (5005WL)

REGULATORY COMPLIANCE :

- E 163, COMMISSION REGULATION (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council.
EU Cosmetics Regulation (EC) No 1223/2009 Annex IV and its amendments and EU Directive 231/2012, Purity criteria as set out in Commission Directive 95/45/EC (E 100)
- US Code of Federal Regulations Title 21 (21CFR) : 21 CFR 73.169 (Colour additive exempted from Certification)