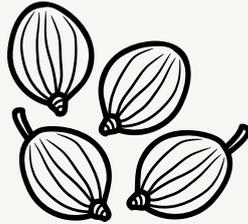




ACTIFS PRÉCIEUX
NATURAL BIOACTIVE INGREDIENTS WITH IMPACT

GENERAL SPECIFICATION

CORIANDER SEED CO₂ - TOTAL
EXTRACT
REFERENCE: AP 215
ISSUE DATE: 05/01/2022



1- Product name

Coriander CO₂ -Total Extract (Coriander - Seed Extract).

2- Raw material

Corander - Seed, dried

2. Definition

Coriander CO₂ -Total Extract obtained by supercritical fluid extraction using natural carbon dioxide as a solvent. no solvent residues, no inorganic salts, no heavy metals, no reproducible microorganisms

3. Origin of the Raw Materials

Tunisia

4. Declaration

In food supplements: Coriander seed extract

In cosmetics:

INCI-Name: Coriandrum Sativum (Coriander) Fruit Extract,

CAS-No. 8008-52-4 or 84775-50-8

EINECS-No. 283-880-8



ACTIFS PRÉCIEUX
NATURAL BIOACTIVE INGREDIENTS WITH IMPACT

GENERAL SPECIFICATION

CORIANDER SEED CO₂ - TOTAL
EXTRACT
REFERENCE: AP 215
ISSUE DATE: 05/01/2022

5. Field of Use

In food supplements:

Coriander extract contains nutrients like fat, proteins, vitamins minerals etc. Its health benefits activities ranging from antibacterial to anticancer activities. Most important and well characterized property of coriander is its use as antioxidant. It might help people with conditions such as indigestion, constipation, or intestinal gas. Coriander also reduce muscle spasms in the gut. This might help treat stomach conditions such as diarrhea.

In cosmetics:

The extract prevents inflammation by boosting skin's natural defense for calming and soothing effects.

Its anti-inflammatory properties are proved in Vito through significant reduction of cytokine gene expression. It helps to reduce skin irritation & redness

In food:

The Coriander seed extract can be used as a flavouring for desserts, spirits and liqueurs. But also as a spice extract in hearty dishes

6. Organoleptic description

Golden yellow, at room temperature clear liquid with typical smell and taste.

7. Ingredients

100 % Coriander seed CO₂-to extract

8. Composition

Coriander extract is specially designed to deliver a unique composition rich in fatty oil, petroselinic acid, and a combination of diterpenoid compounds. folène.



ACTIFS PRÉCIEUX
NATURAL BIOACTIVE INGREDIENTS WITH IMPACT

GENERAL SPECIFICATION

CORIANDER SEED CO2 - TOTAL
EXTRACT
REFERENCE: AP 215
ISSUE DATE: 05/01/2022

9. Regulation

The product complies with the requirements of Regulation (EC) No.1334/2008 on flavourings and with the requirements of Regulation (EC) No.1223/2009 on cosmetic products in the currently valid version.

10. REACH - Status

The substance is exempted from registration under annex V entry 9 of the reach regulation(EC) No 1907/2006.

11. Handling

Warm up 40°C (104°F) and mix before use.

12. Transport

No dangerous good in the sense of the transport regulations.

13. Storage Recommendations

Stable for at least **5 years** when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of heat and light. Storage under inert gas

14. Packaging

Aluminum can 5 kg (Certified ONU). Aluminum can 32 kg (Certified ONU).
Sample available upon request.

15. Solubilities

Water: Insoluble
Alcohol: Insoluble
Fixed Oil: Soluble



ACTIFS PRÉCIEUX
NATURAL BIOACTIVE INGREDIENTS WITH IMPACT

GENERAL SPECIFICATION

**CORIANDER SEED CO2 - TOTAL
EXTRACT**
REFERENCE: AP 215
ISSUE DATE: 05/01/2022

16- Specification

Appearance:	Liquid - Clear oil
Odor:	Characteristic
Color:	Golden yellow
Density at 20°C:	0.910 – 0.930
Refractive Index at 20°C:	1.465 – 1.475
Peroxide value (meq O ₂ /Kg):	< 30
Acid value (mg KOH/g):	< 10
Iodine value (g/100g):	Not specified
Saponification value (mg KOH/g):	Not specified
Unsaponifiable matter (%):	Not specified
Water content (%):	Not specified
Flash Point (°C)	> 60
PH (Pure Product):	Not specified
Heavy Metals Content:	No heavy metals and inorganic compounds
Total aerobic Germs:	No reproducible microorganisms

The data sheet provides the information of the related product on the date indicated, but does not liable for ensuring the product's properties during the period specified and does not give rise to any contractual legal tie. The essential preliminary tests must be conducted to ensure the suitability of the product for each intended use. The user's attention is drawn to the possible hazards incurred when a product is used for other purposes than those for which it is designed. The user shall be entirely responsible for the necessary precautions taken to the use of the products. The information mentioned in this data sheet does not exempt the user from ensuring other obligations pursuant to laws or regulations other than those indicated relating to the possession and manipulation of the product.