

PRODUCT NAME **ORANGE ESSENTIAL OIL**
PRODUCT CODE **EC 0008**

SPECIFICATIONS

DESCRIPTION

The volatile oil obtained by expression, without the use of heat, from the fresh peel of the ripe fruit of *Citrus sinensis* L. Osbeck (Fam. Rutaceae). It is soluble in most fixed oils and in mineral oil. It is insoluble in water. It may contain a suitable antioxidant. 100% Natural Product.

ORGANOLEPTIC CHARACTERISTICS

APPEARANCE	Oily and crystalline liquid.
COLOR	Intensely yellow to orange or deep orange.
ODOR AND TASTE	Characteristic odor and taste of the outer part of fresh, sweet orange peel.

PHYSICO CHEMICAL CHARACTERISTICS

DENSITY 25°C (g/mL)	0.842 – 0.846
REFRACTIVE INDEX 20°C	1.472 – 1.474
ANGULAR ROTATION 20°C	+94.00° – +99.00°
ALDEHYDES %	1.20 – 2.50

APLICACIONES

Flavoring agent is effective and economical way to add color, flavor and citrus scent products. Orange Essential Oil is a food product with a long history of uses in the flavor and fragrance industry. Examples include its use as an ingredient in fruit flavors and floral perfume compositions. Additive for all types of non-alcoholic or alcoholic beverages, chewing gum, candies, baking, ice cream, frozen, etc. The dosage varies depending on product type and intensity of flavor desired in the final product. Product not direct for consumption (NRET).

STORAGE

Stored in their original container, closed hermetically, in a fresh place, dry, protected from the dust, the direct light and heat sources.

PACKAGE

Aluminum containers of 1L. Each package must have a label that indicates the product identification, lot number, net weight, production date and expiry date.

ALERGENS AND GMO'S

This product is free of allergens and genetically modified material.

SHELF LIFE

Shelf life is one year if kept as indicated. Shake well before using.

RESEARCH AND DEVELOPMENT DEPARTMENT
UPDATE: JULY 15, 2022. ING. SEBASTIAN GAYTAN MOTA
VALIDITY: JULY 15, 2024
REVISED: IBQ JESUS EMANUEL BARRERA RICO.
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STATUS REGULATORY: GRAS (II), CAS 8028-48-6. FEMA 2825.
REFERENCE: FCC XII, 855. FENAROLI'S 2nd EDITION VOL I, 1990, 421 – 424.

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