



Orange blossom

The bitter orange tree is a cross between a grapefruit tree and a mandarin tree, native to Asia and today spread throughout the Mediterranean and in sub-tropical regions. This orange tree is cultivated for the essential oils extracted from its flowers (neroli), and from its leaves and small branches (small grain bigarade), as well as for the zest of its bitter fruit. But above all, distillation of the flowers produces one of the rare floral waters used as much in food products as in cosmetics: orange blossom water.

Orange blossom is widely used today in cosmetics, both for its richness in anti-inflammatory linalool, and for its relaxing fragrance beneficial for all the family.

IDENTITY PROFILE

Botanic family: Rutaceae

Botanical name: *Citrus aurantium var. amara*

Common names: bitter orange tree, sundance, Mexican orange blossom

French names: bigaradier, oranger amer, oranger de Séville

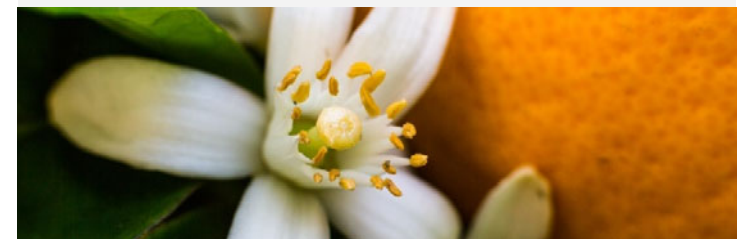
Part used: flower

Active ingredients: linalool, limonene, alpha-pinene, beta-pinene

Farming country for Herbarom: Morocco

Herbarom references: organic hydrosol

Herbarom quality: certified organic



COSMETIC FOCUS

The principal virtue of orange blossom is to soothe skin, thanks to the anti-inflammatory action of the linalool, highly concentrated in its delicate petals. It's an ingredient that is commonly used in **sensitive or dry skin care ranges**, in particular **skin care for all the family**, which claim relief, hydration and gentleness.

Applications: soothing aromatic face care, face and body moisturizing cream for babies, micellar cleansing foam for sensitive skin, gentle cleansing tonic lotion, gentle care shampoo for dry hair, family hypoallergenic hair and body cleansing gel ...

The fragrance of orange blossom naturally brings to mind sweet Oriental pastries or the bewitching fragrances of Turkish baths. It can be found in all **cleansing and skin care ranges inspired by Turkish bath rituals**, very often associated with argan oil or Damask rose.

Applications: soothing and moisturizing beauty water for the face and body, scented mist skin care, bath and body black emollient soap, soothing and purifying rhassoul mask ...



PROPERTIES *

soothing

APPLICATION SUGGESTIONS

cream
cream gel
milk
lotion
toiletries

** for guidance purposes only*

A BIT OF HISTORY

The bitter orange tree was brought back from India by the Arabs in the 10th century, and progressively cultivated around the Mediterranean, particularly in the south of Spain under Moorish occupation. It is thus found planted in the courtyard of the Great Mosque of Cordoba, and its floral fragrance evokes both Oriental pastries and the perfumed waters used in steam baths. The Spanish then introduced the tree in Florida, from where it spread throughout the

Anglo-Saxon world, and gave birth to the famous *marmalade*, so dear to the English. Orange blossom water is still used today in cooking and cosmetics, and the essential oils of neroli and bitter orange have become perfumery classics.

In aromatherapy, the orange blossom is attributed with relaxing qualities that calm anxiety and stress, particularly helping babies and children to sleep.



ORIGINS & GROWERS

Herbarom has subjected different suppliers throughout the world to an olfactory assessment of their organic orange blossom hydrosol. In Morocco one partner was found to be suitable, for the superior quality of their fragrance and for their expertise both in the cultivation and distillation of orange blossom. The farms that supply Herbarom are located in the fertile plain of Marrakesh, supplied with water from the wadis of the High Atlas. The large farms that extend over 30 to 200 hectares, fenced in by Damask rose hedges, are veritable microcosms where orange blossom is not only harvested, but also dried and even distilled on site.



PROCESSING & PRODUCT

One of Herbarom's partner Moroccan farms is equipped with a distillery. From April to June, on a daily basis, it receives the harvest of organic orange blossom from other farms in the Marrakesh plain, within 24 hours following picking. Women manually pick the **fresh flowers**, at dawn, to preserve their aromatic richness. They are placed in stills whose heat and moderate steam flow rate ensure a **gentle distillation**. This historical expertise in the treatment of the plant helps to keep its properties and fragrance intact. Distillation of the fresh orange blossom flowers helps to extract the essential oil of neroli and its co-product, orange blossom hydrosol. It is possible to distil dried flowers, but use of fresh flowers yields a hydrosol of **incomparable olfactory quality**.

ORGANIC ORANGE BLOSSOM HYDROSOL – PFVRELORAN07

INCI: Citrus Aurantium Amara Flower Water, Citric Acid, Sodium Benzoate, Potassium Sorbate

ORGANOLEPTIC PROPERTIES: clear liquid and soluble in water

APPLICATIONS: extract adapted to formulations of toiletries and skin care products



HERBAROM COMMITMENTS

Based in the Drôme, terroir of tradition and the birthplace of organic farming, Herbarom is specialised in the plant extraction and distillation professions. A true pioneer, over the past 25 years it has acquired the know-how and a human dimension to meet new demands in cosmetics, aromatherapy and perfumery.

Quality and safety

Herbarom guarantees the quality of its products based on networks of local independent producers, managed and audited by its own experts.

Eco-design

Herbarom prioritizes plants from organic farming, gentle extraction techniques and eco-design at all stages of production.

Integrity

Ecovadis awarded the Gold medal to Herbarom in 2017 for its CSR policy, reflecting the ethics and transparency of its impact on society and the environment.

