

spa water origin

Montegrignano Thermae

Anciently known as "Castrum Montis Grimani", **Montegrignano Terme** is set in the Conca Valley in the province of Pesaro and Urbino, just a short distance from the Republic of San Marino. Located 600 metres above sea-level with extremely pure air, it has a pleasantly mild climate where peacefulness is refreshed by a caressing sea breeze and mountain fragrance. The ever-clear horizon sweeps from enchanting and picturesque scenery to the eternal blue sea. **Montegrignano**, an ancient medieval castle of Montefeltro, also the former stronghold of the Earls and Dukes of Urbino, still preserves its structure in the heart of the village and spirals around its summit, enclosing the Castle's Donjon, then converted into a Civic Tower. The Quattrocento tower, built by the Montefeltro family in the 15th century, stands almost in the centre of the small square, isolated from the houses, and this characteristic location distinguishes it from others in the area and in the rest of Italy.

History

The mineral springs of **Montegrignano** were already known in the Roman Age, as water tanks and other Roman building structures were discovered during different periods in the spa area. Various mentions regarding the beneficial properties of its waters were also quoted in important works since the 16th century by the chemist Andrea Bacci, archiater and physician of the Papal Court, in his book "De Thermis del '500", by the physician-scientist Mengho Bianchelli in "De Balneis" (1600), by the humanist Giovanni Hercolani in one of his famous epigrams and by a more recent treatise on the mineral waters of Italy. The springs of Montegrignano were already famous and envied since the 16th Century. Numerous analyses carried out on these waters since 1900, the year the first "hydrotherapeutic activity" of **Montegrignano** was launched, all attested their special health properties. The waters of **Montegrignano Spa**

Montegrignano Thermae's water

alkaline water

Alkaline water has diuretic and mild laxative properties and is mainly used in hydropinic (mineral water), inhalant and irrigation therapy, to treat kidney and liver stones and for chronic inflammation of the digestive tract.

salt-bromine-iodine water

Salt-bromine-iodine water contains a great quantity of sodium chloride, as well as lithium, bromine, iodine, magnesium in addition to other elements, and is used to treat chronic and recurring inflammation (rheumatism, articular traumas etc.).

sulphurous water

Sulphurous water mostly contains sulphur in addition to other elements such as calcium and iron. It is used for inhalant and irrigation therapy, dermatosis, rhinogenous deafness and respiratory ailments (rhinitis, sinusitis, pharyngitis etc.).

thermal water cosmetic usage

Mineral water-based beauty products are called spa-cosmetics or thermal cosmetics. In addition to having natural and ancient therapeutic properties, the thermal waters of **Montegrignano** also have specific cosmetic effects. The characteristics of each water type depend on the kind of salts and gases contained, the nature of suspended colloidal substances and their degree of organic bioactivation. The thermal waters of **Montegrignano** act on the skin both by supplying micronutrients and by means of a combination of skin-active factors with biochemical, physiochemical and physiotherapeutic properties that act synergistically. As a result of research, such waters are considered authentic "cosmetological lotions".

aqthermal

Terme di Montegrignano



spa water essence

aqthermal takes care of your beauty and wellness needs by offering a range of products containing a rich source of high-quality, pure active ingredients blended in bases of natural origin. Respecting the vision of 100% natural cosmetics of vegetal origin, the aqthermal range is based on a deep knowledge of the morphology, the biochemical processes and the function of skin. In fact, compared to any other synthetic beauty product, it has been widely demonstrated that in cosmetics of completely natural origin the skin has a higher tolerance level in addition to a superior absorption rate, hence greater efficacy, due to a high affinity with the skin's components. Although traditional cosmetics containing synthetic derivatives such as silicones or mineral molecules have high sensory characteristics, because of their poor skin-affinity they interact with its structure insufficiently. As a result the absorption rate of active principles by the skin is low and the effect of the product over time is limited. Conversely, products from the **aqthermal** range are 100% bio-available, and due to both their chemical composition and their physical structure are extremely skin-friendly. Indeed no product contains mineral oils or synthetic derivatives, which are replaced with substances structurally similar to the composition of sebum, and this enables the active principles to penetrate further and to reach the corneous layers of the skin; they are free of inactive excipients as each single product component contributes to the ultimate effect of the product.

Bioavailability is associated with another characteristic of the emulsions: the products are also physically skin-friendly, they do not destabilize but rebalance the skin's structure and they have a more complete moisturizing, softening and elasticizing potential due to the liquid crystal structure, which is perfectly similar to skin sebum. The raw materials used for each product in the **aqthermal** range have been selected from the Bioecocosmesi (Bio-ecological cosmetics) listing, drawn up at European level, and according to stringent criteria:

- they have an excellent toxicological profile and the risk levels for sensitization and allergies are extremely low
- their ecological impact is low, i.e., they are totally biodegradable throughout all the phases of production and disposal

Products in the **aqthermal** range are based on **spa water from Montegrimano Thermal Baths** and are rich in mineral salts, in micronutrients and have soothing and protective effects on the skin. Products in the **aqthermal** range do not contain:

- Synthetic preservatives, which are replaced with Japanese honeysuckle (*Lonicera Japonica*) extract, alongside potassium sorbate (a preservative permitted by Bioecocosmesi and the food industry and a derivative of fatty acids that is metabolized by the body like any type of oil) and esterified glycerin
- Sodium Laureth Sulphate is replaced with surface-active agents of vegetable origin from coconut and wheat
- Synthetic colorants, mineral oils and OGM or animal substances

The final product is tested for its chemical and physical characteristics, its stability, its usage safety and microbiologically, in addition to undergoing quality control verification according to our company protocol UNI EN ISO 9001:2000. Considering the different skin-types of various body parts, **aqthermal** products are divided into four different sections and include face care, hands and feet, body care and men's products.

aqthermal

Terme di Montegrimano



NATURALE
100%
Ingredients
100%
Natural
Origin

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Page 2 of 2