

I Characteristics

Native to the Philippines, *Canarium luzonicum* is a tropical tree that can reach a height of 30 meters.

It grows in the wild and is also cultivated.

When its leaves sprout, the tree exudes a pale yellow resin known as Elemi (also called "Pili" by local populations).

The resin solidifies upon contact with the air and stops flowing when the tree loses its leaves.

Elemi is collected from June to March.

Firmenich selects Elemi from the Philippines.

I Technology

Firmenich processes Elemi gum using the full range of extraction technologies: Steam Distillation, Solvent Extraction and Supercritical Fluid Extraction (SFE).

Forty-five Years' Experience in Supercritical Fluid Extracts

Since the 1970's when initial Supercritical Fluid Extraction (SFE) trials took place, Firmenich has consistently strengthened its position in the field and is now a premier SFE supplier to the Flavor & Fragrance industry.

Supercritical CO₂ Extraction is a technology in which carbon dioxide, put beyond its critical point (73 bars and 30°C), becomes a supercritical fluid with special properties.

SFE Key Benefits

- No petrochemical solvent used.
- Safe for workers & the environment.
- Extraction at low temperature preserves the natural profile identity of the raw material.
- Highly selective extraction is possible because of the precise pressure and temperature setup.
- Process conforms with Organic, Natural Ecocert, Halal and Kosher prerogatives.

I Reported Benefits

In Ancient Egypt, Elemi oil was used in the embalming process.

The essential oil has antiseptic, healing, expectorant, stimulant and deodorant properties.

Spicy - Green



Canarium luzonicum

Portfolio

The profile is typically spicy, peppery, lemon-scented.

The fresh top note has a green facet while the bottom note evokes Olibanum and Pink pepper.

It is used to add a fresh note to woody, spicy and zesty perfumes, mainly in masculine fragrances.

ELEMI EO
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Pure & Natural.

ELEMI RES
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Pure & Natural.
Balsamic.

ELEMI SFE
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Pure & Natural.
Very long-lasting.