



## **ALPINE LAVENDER OIL (FRENCH ALPS)**

**BOTANICAL CLASSIFICATION:** *Lavandula Angustifolia* belongs to *Lamiaceae* family. It is also known as true Lavender. Grows in the European Alps

**DESCRIPTION OF ALPINE LAVENDER:** A small herb, with green leaves and multiple bunches of violet flowers. Lavender Essential Oil has a pale yellow color, with a distinct strong, sweet floral scent.

**ORIGIN:** The herb is grown in the European Alps. The essential oil is steam distilled, from freshly harvested alpine lavender flowers. French alpine lavender oil is considered as being of supreme quality.

**GAS LIQUID CHROMATOGRAM:** Alpine lavender essential oil is made up of mainly Linalyl acetate, with Linalool, being the next major component. Other minor constituents include Terpene-4-ol,  $\alpha$ -terpineol and Camphor. Adulterated Alpine Lavender Oil usually has a lower linalyl acetate content, less than 36% and a higher Camphor content typically more than 1%.

| GLC ANALYSIS COMPONENT | Alpine Lavender Oil (%) | Classic Lavender Oil (Indo-China) (%) |
|------------------------|-------------------------|---------------------------------------|
| Linalyl acetate        | 44                      | 36-44                                 |
| Linalool               | 31.5                    | 30-43                                 |
| Camphor                | <1                      | 1                                     |
| Terpinene-4-ol         | 2.1                     | 1-7                                   |
| $\alpha$ -terpineol    | <1                      | 1-2                                   |