

# CHEMICAL ANALYSIS

(BASED ON GC/MS REPORT)

{ MAJOR CONSTITUENTS / TOP COMPONENTS \* }

---

- Name - **CARDAMOM OIL**
- Botanical name - Ellettaria Cardamomum
- Country of origin - India
- Extraction Method - Steam Distilled
- Botanical Family - Zingerberaceae
- Specific gravity - 0.915 - 0.936
- Optical rotation - +21 - +42
- Refractive index - 1.462 - 1.468
- Flash point - 138 F
- Monoterpenes - 12.9% - 13.8%
- Oxides - 29.5% - 30.9%
- Esters - 41.5% - 44.8%
- Terpenyl Acetate - 36.5% - 43.2%
- Sabinene - 2.1% - 5.2%

\* This report pertains only to the sample taken by the lot and may differ due to raw material and climate variation.