

CHEMICAL ANALYSIS

(BASED ON GC/MS REPORT)

{ MAJOR CONSTITUENTS / TOP COMPONENTS * }

- Name - **CLOVE OIL**
- Botanical name - Eugenia Caryophyllata
- Country of origin - Madagascar
- Extraction Method - Steam Distilled
- Botanical Family - Myrtaceae
- Specific gravity - 0.038 - 0.052
- Optical rotation - 1.517 - 1.540
- Refractive index - 1.528 - 1.538
- Flash point - 90°C
- Eugenol - 78% - 82%
- Caryophyllene - 4.5% - 7.2%
- Humulene - 0.5% - 0.8%
- Sesquiterpenes - 3.5% - 5.2%

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