

CHEMICAL ANALYSIS

(BASED ON GC/MS REPORT)

{ MAJOR CONSTITUENTS / TOP COMPONENTS * }

- Name - **COSTUS ROOT OIL**
- Botanical name - **Sassuriea Lappa**
- Country of origin - **India**
- Extraction Method - **Steam Distilled**
- Botanical Family - **Costaceae**
- Specific gravity - **0.96 - 1.03**
- Optical rotation - **+10 - +30**
- Refractive index - **1.50 - 1.57**
- Flash point - **120 C**
- Dehydrocostus - **11% - 14%**
- Costunolide - **22% - 24%**
- Sesquiterpenes - **10% - 15%**
- Sirosterol - **2.5% - 3.5%**

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