

THE
OIL STORIES

Test Report

Customer name: The Oil Stories
Sample name: Ginger Essential oil
Botanical name: Zingiber officinale

Sample received: 27/02/22
Analysis completed: 28/02/22
Lab ID: 007

ORGANOLEPTIC PROPERTIES

ASPECT VISCOUS
COLOR PALE YELLOW
ODOUR SPICY, BALSAMIC, LEMONY

PHYSICAL PROPERTIES

| Analysis | Results | Parameters |
|---------------------------|---------|---------------|
| Refractive index at 20 °C | 1.4896 | 1.4800-1.4950 |

CHROMATOGRAPHIC ANALYSIS

| Chemical component | Result (%) | Parameters (%) |
|--------------------|------------|----------------|
| Zingiberene | 21.493 | * |
| Camphene | 10.662 | 5-13 |
| b Phellandrene | 10.451 | |
| a Pinene | 3.776 | |

*no clear specification for zingiberene in India. Depending on region it can range from 10% to 50%.

Conclusion: Base on RI, SG, Solubility in alcohol and GC report this essential oil is genuine.

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