



Grassroots Essential Oils
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Certificate of Analysis

PRODUCT DESCRIPTION

Product Name: Oil of Ginger

Product Code: GINGER

Lot Number: 2210243355

Country of Origin: China

Botanical Name: *Zingiber officinale*

Cas Number: 8015-91-6

Manufactured Date: 05/11/2022

Expiration Date: 05/11/2024

ORGANOLEPTIC TEST

Color (Appearance): Conforms to Standards

Odor (Olfactory): Conforms to Standards

PHYSICAL DATA

Specific Gravity @ 25 °C: 0.8747

Specific Gravity @ 20 °C: 0.8777

Refractive Index @ 20 °C: 1.4913

Optical Rotation: -41.96

Flashpoint: 147.92°F / 64.4°C

GC: PASSED

**STORE IN FULL, TIGHT CONTAINERS (PERFERABLY AMBER GLASS) IN COOL PLACE (60 TO 70°),
PROTECT FROM LIGHT.**

SHELF LIFE: 24 months, or longer, if stored properly.

This Certificate of Analysis is based on information provided to Grassroots Essential Oils from reliable sources.

Prepared by:
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