



Grassroots Essential Oils  
1233 N Cedar St Ste 1320 Owasso, OK 74055  
(918) 924-7066 [www.GrassrootsEssentials.com](http://www.GrassrootsEssentials.com)  
email: [info@grassrootsessentials.com](mailto:info@grassrootsessentials.com)

## Certificate of Analysis

### PRODUCT DESCRIPTION

**Product Name:** Oil of Certified Organic Clove Bud

**Product Code:** OCLOVB

**Lot Number:** 2111000138

**Country of Origin:** Sri Lanka

**Botanical Name:** *Syzygium Aromaticum*

**Cas Number:** 8000-48-4

**Manufactured Date:** 12/01/2021

**Expiration Date:** 06/01/2023

### ORGANOLEPTIC TEST

**Color (Appearance):** Conforms to Standards

**Odor (Olfactory):** Conforms to Standards

### PHYSICAL DATA

**Specific Gravity @ 25 °C:** 1.051

**Refractive Index @ 20 °C:** 1.533

**Optical Rotation:** N/A

**Flashpoint:** 109°F / 42.8°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.

This is an electronically generated document and is valid without a signature.