



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

## Certificate of Analysis

### PRODUCT DESCRIPTION

**Product Name:** Oil of Spearmint (Willamette Valley, OR)

**Product Code:** SPEAR

**Lot Number:** 2112012001

**Country of Origin:** USA

**Botanical Name:** *Mentha spicata*

**Cas Number:** 8008-79-5

**Manufactured Date:** 08/2021

**Expiration Date:** 08/2024

### ORGANOLEPTIC TEST

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

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

### PHYSICAL DATA

**Specific Gravity @ 25 °C:** 0.923

**Refractive Index @ 20 °C:** 1.4891

**Optical Rotation:** -53.8

**Flashpoint:** 147.2 °F / 64 °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 Oil from reliable sources.

**Prepared by:**

**Lisa Baird**

**Grassroots Essential Oils**