



Grassroots Essential Oils  
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## Certificate of Analysis

### PRODUCT DESCRIPTION

**Product Name:** Oil of Pine Scotch Hungarian  
**Product Code:** PINES  
**Lot Number:** 2111001269  
**Country of Origin:** Hungary

**Botanical Name:** *Pinus sylvestris L.*  
**Cas Number:** 8023-99-2  
**Manufactured Date:** 11/29/2021  
**Expiration Date:** 05/29/2024

### ORGANOLEPTIC TEST

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

### PHYSICAL DATA

**Specific Gravity @ 25 °C:** 0.8613  
**Refractive Index @ 20 °C:** 1.472  
**Optical Rotation:** N/A  
**Flashpoint:** 111.2 °F / 44 °C  
**GC:** PASSED

**THIS ITEM SOLD BY THE LEBERMUTH COMPANY, INC. IS A 100% NATURAL PRODUCT AND CONTAINS NO ARTIFICIAL OR SYNTHETIC INGREDIENTS.**

**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:**  
**Lisa Baird**  
**Grassroots Essential Oils**