

QUALITY CERTIFICATE

Product name: LEMON OIL
Quality: Ph.Eur.11.0.
Package: 50 g
Lot No.: FK0458411
Manufacturing date: 11.2021.
Expiry date: 29.01.2027. (DMY)
Anal. No.: 17315H58411

| | REQUIRED | MEASURED |
|--|--|-------------------------|
| Appearance: | clear, pale yellow or greenish-yellow liquid | yellowish, clear liquid |
| Identity | identical | identical |
| Density (d ₂₀ ²⁰) | 0,850-0,858 | 0,850 |
| Refractive index (n _D ²⁰) | 1,473-1,476 | 1,473 |
| [α] _D ²⁰ | (+5,7)-(+7,0) ° | +6,2 ° |
| Absorbance | passes test | passes test |
| Fatty oils and resinified essential oils | passes test | passes test |
| Chromatographic profile (GC) | passes test | passes test |
| beta-Pinene | 7,0-17,0 % | 13,2 % |
| sabinene | 1,0-3,0 % | 1,9 % |
| limonene | 56,0-78,0 % | 66,4 % |
| beta-Caryophyllene | max.0,5 % | 0,1 % |
| alfa-Terpineol | max.0,6 % | 0,2 % |
| Neral | 0,3-1,5 % | 0,7 % |
| gamma-Terpinene | 6,0-12,0 % | 8,8 % |
| Neryl-acetate | 0,2-0,9 % | 0,2 % |
| Geranial | 0,5-2,3 % | 1,1 % |
| Geranyl acetate | 0,1-0,8 % | 0,2 % |
| Evaporation residue | 1,8-3,6 % | 2,1 % |

The Product complies with the requirements of Ph.Eur.11.0.

Kiállítva: Halásztelek, 2024.01.29.


Nagy Balázs

minőségbiztosítási vezető

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