Botanic Planet
Your Supplier for Essential Oils & Botanicals
Canada Inc.

CERTIFICATE OF ANALYSIS (COA)

LEMON ESSENTIAL OIL 5-FOLD

Product Name	Lemon Essential Oil 5 Fold
Botanical Name	*Citrus limon*
INCI Name	Citrus Limon (Lemon) Peel Oil
CAS Number	8008-56-8
Product Type	Concentrated Essential Oil
Plant Part Used	Lemon Peel
Batch / Lot Number	BPCLEO5F122025
Expiry / Retest Date	December 2030
Country of Origin	USA

Physical and Chemical Analysis

Properties	Specifications	Results
Appearance	Pale yellow to greenish yellow liquid	Complies
Odor	Characteristic citrus	Complies
Optical Rotation	+38° to +55° @ 20°C	+53.12° @ 20°C
Refractive Index	1.4750–1.4850 @ 20°C	1.4788 @ 20°C
Specific Gravity	0.8560–0.8800 @ 25°C	0.8644 @ 25°C
Citral	8–12%	10.07%
D-Limonene	Less than 70%	60.46%

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada
Email:info@botanicplanet.ca www.botanicplanet.ca