



## CERTIFICATE OF ANALYSIS LEMON OIL

<b>PRODUCT NAME</b>	Lemon Oil
<b>BOTANICAL NAME</b>	<i>Citrus limon</i>
<b>BATCH NUMBER</b>	NAP22807
<b>CAS NUMBER</b>	84929-31-7
<b>MANUFACTURE DATE</b>	May 2021
<b>EXPIRY DATE</b>	May 2024
<b>ORIGIN</b>	Argentina
<b>PRODUCT TYPE</b>	Essential Oil
<b>EXTRACTION</b>	Cold Pressed
<b>PLANT PART</b>	Fruit Peel
<b>APPEARANCE</b>	Fluid Liquid
<b>COLOR</b>	Pale to Deep Yellow to Greenish-Yellow
<b>ODOR</b>	Fresh Lemon

PROPERTIES	SPECIFICATION	METHOD	RESULTS
<b>SPECIFIC GRAVITY @25°C</b>	0.849 to 0.855	FCC	0.849
<b>REFRACTIVE INDEX @20°C</b>	1.473 to 1.476	FCC	1.474
<b>OPTICAL ROTATION @25°C</b>	+57.0° to +65.6°	FCC	63.8°
<b>ALDEHYDES (Hydroxylamine m)</b>	2.2% to 3.8%	FCC	2.9%
<b>SOLUBILITY</b>	1 ml dissolves in 3 ml of 95% alcohol	FCC	Passes
<b>ULTRA-VIOLET ABSORBANCE</b>	Not less than 0.2	FCC	0.36

Note: May contain small amounts of wax