

# CERTIFICATE OF ANALYSIS (COA)

## CITRONELLA (CEYLON) ESSENTIAL OIL

Cymbopogon/Andropogon Nardus Ceylon de Jong (SERAH WANGI ASTER)

### PRODUCT INFORMATION

Trade Name	CITRONELLA (CEYLON) ESSENTIAL OIL
Botanical Name	Cymbopogon/Andropogon Nardus Ceylon de Jong
Country of Origin	Indonesia
Cultivation Method	Farmed Conventional
Type	Essential Oil
Extraction Method	Steam Distilled Essential Oil
Plant Part of Used	Leaves
Quality	100% Pure and Natural
Note Classification	-
Use	Aromatherapy, Natural Perfumery, Toiletries, Natural Cosmetic, Farmacy Herbal, Body/Skin Care, and others

Product Code	BA01811-CCY	Batch/Lot #	031/CCY/V-2022_01
Manufacturing Date	Mei 2022	Retest/Best Before Date	Mei 2027

### ANALYSIS SPECIFICATIONS

PARAMETER	SPECIFICATION	RESULT
Appearance	Pale yellow to yellowish brown liquid	Conform to standard
Color	Colorless to pale yellow, gradually becoming reddish to brown	Conform to standard
Odor	Characteristic of grassy citrusyl odor of Citronella	Conform to standard
Specific Gravity (25°C)	0.897 – 0.912	0.901
Refractive Index (20°C)	1.479 – 1.485	1.482
Optical Rotation (25°C)	-9° – +18°	3.87°
Citronellal Content (GC)	1 – 15%	7.46%
Citronellol Content (GC)	1 – 10 %	8.2%
Geraniol Content (GC)	60 – 85%	80.11%
Solubility	Soluble in alcohol and oils Not soluble in water	Conform to standard
Fatty oil	Negative	Negative
D E P	0%	0%
D O P	0%	0%

* EU Allergen 65 = Prop 65	
PRIMARY CONSTITUENTS	Citronellal, Citronellol, & Geraniol Content
COMMENTS	ODOR QUALITY IS EXCELLENT
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.

FLASH POINT : 170°C

### NOTE:

- This Essential Oil is a 100% pure and natural product and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to "DDistillers". This product is guaranteed by PT. Syailendra Bumi Investama to be of excellent quality.
- This report pertains only to the sample taken by the lot. This is indicative and may be vary according to the raw material and climate variation.

### STABILITY & STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.



**CONTACT POINT:**

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Bumi Investama

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