



CERTIFICATE OF ANALYSIS

Certificate No 128/COA/EO/BAK/XII/23
Product Name CITRONELLA OIL
Product Description The volatile oil obtained by steam distillation from the leaves of *Andropogon nardus Java de Jong*
Product Code SKA 8001
Batch number 9348075
Nett Weight 1 kg
Manufacturing Date 01 December 2023
Expiry Date 01 December 2025
Manufacturer Name PT. Bintang Kreasi Aroma
Country of Origin Indonesia

PARAMETER	SPECIFICATION/ANALYTICAL METHOD	DATA OF ANALYSIS	RESULTS
Appearance, Colour	Clear pale yellow to yellow liquid/ Sensory Analysis.	Complies	Passed
Odour	Characteristic of Citronella Oil/ Sensory Analysis.	Complies	Passed
Specific Gravity (20°C/20°C)	0.8700-0.9200/ Density meter Method, Join the samples after test to read data (20°C).	0.8875	Passed
Refractive Index (20°C)	1.4500-1.4700/ Refractometer Method, Join the samples after test to read data (20°C).	1.4600	Passed
Citronellal Content (GC, %)	30 - 45 %/ GC Method.	43.31	Passed
Geraniol Content (GC, %)	10 - 20 %/ GC Method.	12.47	Passed
Solubility (20°C, 80% Ethanol)	1:2 (V:V) Clear/ 1mL sample + 2mL 80% Ethanol, in test tube blend to clarify.	Conformed	Passed

CONCLUSION OF QC RESULT: ☒ PASSED ☐ IN RANGE ☐ NOT PASSED

Those concerned are requested to take due note of the above mentioned.

Disclaimer

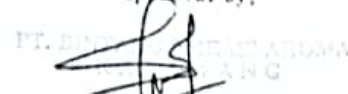
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Karawang, 05 December 2023

Quality Control by,


Sardi Tomia

Approval by,


PT. BINTANG KREASI AROMA
Yuli Riyadi



Yeni Tri Hastuti
14 Agustus 2026