



Importers and dealers of
- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

CERTIFICATE OF ANALYSIS (COA)

Manufacturer Name	Sophix Natural Agro & Products Ltd.	
Manufacturer Address	5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos.	
Applicant Name	Sophix Natural Agro & Products Ltd.	
Product Name	Tea Tree Essential Oil	
Botanical Name	Melaleuca alternifolia	
CAS #	68647-73-4	
FEMA #	N/A	
EINECS #	232-293-8	
INCI Name	Melaleuca alternifolia Oil	
Lot Number #	20231008	
Place origin	Australia	
Part Used	Leaves	
Extraction Method	Steam Distilled Essential Oil	
Quality	100% Pure and Natural	
PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Transparent colored liquid	CONFORMS
Odour	Not odor	CONFORMS
Refractive Index	1.455 - 1.467 @ 20°C	1.461
Relative density	0.896 - 0.916 @ 20°C	0.901
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Product Formulation:

Item	% w/w
4- terpineol	38.25%
γ-terpinene	21.99%
α-terpinene	9.95%
α-pinene	4.6%
P-cymene	4.47%
α-terpinene	4.09%
Isoterpinene	3.69%
limonene	3.73%
1.8 cineole	3.26%

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<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS
HEAVY METALTESTS	SPECIFICATIONS	STANDARDS	RESULTS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

Note:

_mg/kg=ppm=0.0001%

-N.D. =not detected (<MDL)

Name: Sophix Natural Agro & Products Ltd.

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