

**CERTIFICATE OF ANALYSIS (COA)**

Manufacturer Name	Sophix_natural	
Manufacturer Address	5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos.	
Applicant Name	Sophix_natural	
Product Name	PEPPERMINT OIL	
Botanical Name	Mentha piperita	
CAS #	8006-90-4 ; 84082-70-2	
FEMA #	2848	
EINECS #	282-015-4	
INCI Name	Mentha Piperita (Peppermint) Oil	
Batch #	20231002	
Place origin	China(Mainland)	
Part Used	Leaves	
Extraction Method	Steam Distilled Essential Oil	
Quality	100% Pure and Natural	
<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Clear to pale yellow colored liquid	CONFORMS
Odour	Refreshing, sharp, strongly minty aroma with a deep balsamic-sweet undertone	CONFORMS
Refractive Index	1.455 - 1.467 @ 20°C	1.461
Specific Gravity (g/mL)	0.896 - 0.916 @ 20°	0.901
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

**Product Formulation:**

Item	% w/w
Menthol	62%

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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 METAL TESTS	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 (&lt;MDL)

SOPHIX NATURAL AGRO &amp; PRODUCTS LTD.

Add: 5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger, Lagos.

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