



**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	
Manufacturer Address	5, Olayinka Owodunni Street, Off Sule Abores, Behind NNPC Filling Station, Ojodu Berger, Lagos.	
Applicant Name	Sophix Natural	
Product Name	ROSE ESSENTIAL OIL	
Botanical Name	ROSA RUGOSA	
CAS #	90106-38-0 / 8007-01-0	
FEMA #	2988	
EINECS #	290-260-3	
INCI Name	ROSE (ROSA RUGOSA) FLOWER OIL	
Lot Number #	20231008	
Place origin	Brazil	
Part Used	Flowers	
Extraction Method	Steam Distilled Essential Oil	
Quality	100% Pure and Natural	
<b>PROPERTIES</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>
Appearance	Transparent colored liquid	CONFORMS
Odour	Rose odour	CONFORMS
Refractive Index	1.321-1.620 @ 20°C	1.504
Relative density	0.849~0.857	0.852
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Product Formulation:

Item	% w/w
Rose ether	32.8%
Geraniol	24.6%
Damascus rose oil	14.3%
Ethyl turkone	12.3%
Citronellol	5.6%
Others	10.4%

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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.

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

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