

CERTIFICATE OF ANALYSIS(COA)

Manufacturer Name	Sophix Natural and Agro Products Ltd
Manufacturer Address	5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu Berger Lagos
Applicant Name	Sohpix natural
Product Name	Safflower seed Oil
Botanical Name	Carthamus Tinctorius (Safflower) Seed Oil
CAS #	8001-23-8
FEMA #	N/A
EINECS #	N/A
INCI Name	Carthamus Tinctorius (Safflower) Seed Oil

Lot Number #	20250208
Place origin	Asia

Part Used	Seed
Extraction Method	Cold pressed Carrier Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Dark Red colored liquid	CONFORMS
Odour	Aroma Of Safflower seed	CONFORMS
Refractive Index	1.435 ~1.490	1.450
Relative density	0.875~0.960 (25/25°C)	0.925
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

productFormulation:,

Item	% w/w
Palmitic acid	7
Stearic acid	2.9
Oleic acid	13
Linoleic acid	77.1

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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

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
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)

Sophix Natural and Agro Products Ltd

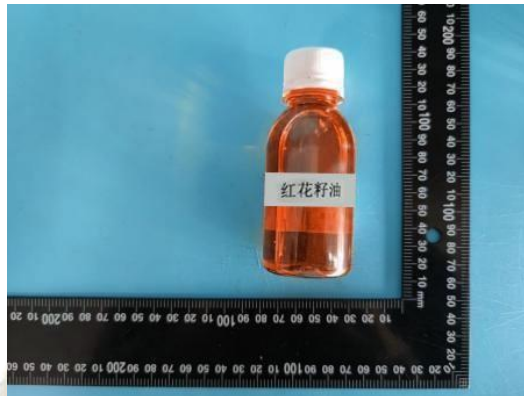
Add: 5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu

Berger Lagos

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Sample photo:



\*\*\* End of Report\*\*\*