

**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	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	India

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

productFormulatioh:,

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

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MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS	RESULTS
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 (<MDL)

Name: Sophix Natural Agro & Products Ltd.

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