



## 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	Broccoli Oil
Botanical Name	BRASSICA OLERACEA ITALICA (BROCCOLI) SEED O
CAS #	223749-36-8
FEMA #	N/A
EINECS #	N/A
INCI Name	BRASSICA OLERACEA ITALICA (BROCCOLI) SEED OIL
Lot Number #	20260518
Place origin	Asia

Part Used	Natural Plant
Extraction Method	N/A
Quality	Cosmetic Grade

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Yellow colored liquid	CONFORMS
Odour	Natural Broccoli Odor	CONFORMS
Refractive Index	N/A	/
Relative density	N/A	/
Solubility	Suitable	CONFORMS

## Product Formulation

Item	% w/w
Erucic acid	58.26
Oleic acid	23.76
Linoleic acid	8.99
Palmitic acid	3.56
Unsaturated fatty acids	5.43



<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

Add5, Olayinka Owodunni Street, Off Sule Abore, Behind NNPC Filling Station, Ojodu

Berger Lagos

Tel: +234 7061111838

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Sample photo:



\*\*\* End of Report