

CERTIFICATE OF ANALYSIS (COA)

PRODUCT NAME: ANISE ESSENTIAL OIL
 Botanical Name: Pimpinella anisum
 CAS #: 8007-70-3 ; 84775-42-8
 EINECS #: 283-872-7
 INCI Name: Pimpinella Anisum (Anise) Seed Oil
 Part Used: Seeds
 Extraction Method: Steam Distilled Essential Oil
 Quality: 100% Pure and Natural
 Note Classification: Top to Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Colorless to pale yellow liquid	CONFORMS
Odour	Intensely spicy-sweet, characteristic licorice-like aroma	CONFORMS
Refractive Index	1.550 - 1.561 @ 20°C	1.556
Specific Gravity (g/mL)	0.970 - 0.995 @ 20°C	0.986
Optical Rotation (°)	-26° to -6	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<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

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