

TECHNICAL DATA SHEET (TDS)

PRODUCT NAME: ANISE ESSENTIAL OIL
Botanical Name: Pimpinella anisum
CAS # 8007-70-3 ; 84775-42-8
FEMA # 2094
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>
Appearance	Colorless to pale yellow liquid
Odour	Intensely spicy-sweet, characteristic licorice-like aroma
Refractive Index	1.550 - 1.561 @ 20°C
Specific Gravity (g/mL)	0.970 - 0.995 @ 20°C
Optical Rotation (°)	-26° to -6
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

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