



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	BADYÁN EO
Botanical Name	Illicium verum
CAS #	68952-43-2 / 84650-59-9
ENCIES #	283-518-1
FEMA #	2096
INCI Name	Illicium Verum Seed Oil

Part Used	Fruits and Seeds
Extraction Method	Steam Distilled Essential Oil
Quality	100 % Pure and Natural
Note Classification	Top to Middle Note

PROPERTIES	SPECIFICATIONS
Appearance	Colorless to pale yellow amber liquid
Odor	Intensely spicy-sweet, warm, licorice-like aroma
Refractive Index	1.540 - 1.564 @ 20°C
Specific Gravity (g/mL)	0.970 - 0.998 @ 25°C
Optical Rotation	-5° to +5°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mold	< 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

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
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

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.