



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	KÁVA
Botanical Name	Coffea arabica
CAS #	84650-00-0 / 8001-67-0
ENCIES #	283-481-1 / -
INCI Name	Coffea Arabica Seed Oil

Origin	Brazil
Part Used	Roasted Beans
Extraction Method	Cold Pressed Essential Oil
Quality	100 % Pure and Natural
Note Classification	Top Note

PROPERTIES	SPECIFICATIONS
Appearance	Light brown colored viscous liquid
Odor	Characteristic strong rich aroma of roasted coffee
Refractive Index	1.450 - 1.490 @ 20°C
Specific Gravity (g/mL)	0.920 - 0.980 @ 20°C
Saponification Value (mgKOH/g)	180 - 230
Iodine Value (g I₂/100g)	100 - 120
Peroxide Value (meq O₂/kg)	Less than 10.0
Acid Value (mgKOH/g)	Less than 5.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID	C-CHAIN	SPECIFICATION (%)
Palmitic Acid	C16:0	30.00 – 36.00
Stearic Acid	C18:0	7.50 – 9.50
Oleic Acid	C18:1 (n-9)	7.50 – 10.50
Linoleic Acid	C18:2 (n-6)	40.00 – 46.00
Alpha-Linolenic Acid	C18:3 (n-3)	Max. 2.00
Arachidic Acid	C20:0	2.00 – 4.00

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



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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.

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