



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	20% HEŘMÁNEK NĚMECKÝ
Botanical Name	Matricaria chamomilla (20%)
CAS #	8002-66-2 / 84082-60-0
ENCIES #	282-006-5
INCI Name	Chamomilla Recutita Flower Oil
Botanical Name	Prunus amygdalus dulcis (80%)
CAS #	8007-69-0 / 90320-37-9
ENCIES #	- / 291-063-5
INCI Name	Prunus Amygdalus Dulcis Oil

Part Used	Flowering Tops/Seed
Extraction Method	Steam Distilled Essential Oil/Refined
Quality	100 % Pure and Natural
Note Classification	Middle Note

PROPERTIES	SPECIFICATIONS
Appearance	Light blue to pale greenish liquid
Odor	Sweet, mild, herbal-floral with nutty undertone
Refractive Index	1.460 – 1.475 @ 20 °C
Specific Gravity (g/mL)	0.913 – 0.920 @ 20 °C
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.



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



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