



PHYTOS

Phytos Natur CZ. s.r.o.

## TECHNICAL DATA SCHEET (TDS)

<b>Product Name</b>	<b>HEŘMÁNEK NĚMECKÝ</b>
<b>Botanical Name</b>	Matricaria chamomilla
<b>CAS #</b>	8002-66-2 / 84082-60-0
<b>ENCIES #</b>	282-006-5
<b>INCI Name</b>	Chamomilla Recutita Flower Oil

<b>Origin</b>	Nepal
<b>Part Used</b>	Flowering Tops
<b>Extraction Method</b>	Steam Distilled Essential Oil
<b>Quality</b>	100 % Pure and Natural
<b>Note Classification</b>	Middle Note

PROPERTIES	SPECIFICATIONS
<b>Appearance</b>	Deep blue colored liquid
<b>Odor</b>	Sweet, apple like, fruity, herbaceous aroma
<b>Refractive Index</b>	1.408 – 1.500 @ 20 °C
<b>Specific Gravity (g/mL)</b>	0.900 – 0.940 @ 20 °C
<b>Optical rotation</b>	-12 to +5°
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water

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

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