

**TECHNICAL DATA SHEET**

Effective date: 04.2019

**Chamomile CO<sub>2</sub> Extract****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Chamomilla recutita flower extract
Botanical name	Chamomilla recutita L.
Manufacturing process	By supercritical fluid extraction with natural carbon dioxide, it contains no additives and no other technical adjuncts, it is not blended and not formulated. The product is 100 % natural
Description	Contains all CO <sub>2</sub> -soluble lipophilic components
Part used	Dried flowers
Content of essential oil	10 - 20 %
Components	10 - 20 % essential oil with 20 - 45 % bisabolol and 5 - 20 % bisabolol oxides in addition 1,0 - 3,0 % matricine (analysed as chamazulene), cis - and trans-en-yn-dicycloether, spathulenol, herniarine, waxes and non-volatile components.

**TECHNICAL DATA****Physical parameters**

Appearance	Pasty at room temperature, liquid at 40°C
Color	Greenish brown
Odor	Characteristic, fine chamomile
Relative density at 30°C	0,910 – 0,970 g/cm <sup>3</sup>
Refractive index at 20°C	NA
Optical rotation at 20°C	NA
pH	NA
Solubility	NA
Content of water	< 2,0

**Chemical parameters**

<b>Relative composition</b>	<b>%</b>
Bisabolol oxides A + B	5 – 20
Content of Matricine / Chamazulene (analysed as Chamazulene) in extract	0,5 – 2,5
alpha Bisabolol	20 – 45

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Content of Anthecotulid in extract	< 0,1
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**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store in tightly closed original container, protected from light and moisture
Shelf Life	48 months under good storage conditions
Custom tariff	-

**LEGISLATION**

Certification	-
Halal status	Certified by Halal Certification Services (HCS)
Kosher status	Certified by London Beth Din Kashrut Division (KLBD)
EINECS	282-006-5
CAS	84082-60-0

**DISCLAIMER**

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