

TECHNICAL DATA SHEET

Effective date: 04.2024

Chamomile CO₂ 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 ₂ -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 ³
Refractive index at 20°C	NA
Optical rotation at 20°C	NA
pH	NA
Solubility	NA
Content of water	< 2,0

Chemical parameters

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

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alpha Bisabolol	20 – 45
Content of Anthecotulid in extract	< 0,1

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
GMO status	GMO free according to EC Reg. 1829/2003 and 1830/2003.
Nanomaterial statement	The product and/or its components are not considered to be a nanomaterial under this definition. Nanomaterials are defined in the Cosmetics Regulation (EC) No. 1223/2009 as follows: Nanomaterial means an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm
Animal testing	For cosmetic purposes according to EC 1223/2009 no animal tests have been performed.
Information for Vegan Assessment	Vegan suitable. Manufacture does not involve the use of any animal product, by-product or ingredient.

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.