

TECHNICAL DATA SHEET

Effective date: 04.2019

Schisandra CO₂ Extract

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Schisandra sphenanthera fruit extract
Botanical name	Schisandra sphenanthera
Manufacturing process	By supercritical fluid extraction with natural carbon dioxide, no solvent residues, no inorganic salts, no heavy metals, no reproducible microorganisms
Part used	Dried fruits
Description	Contains all CO ₂ -soluble lipophilic components, it contains no additives and no other technical adjuncts, it is not blended and not formulated.
Composition	The extract contains a high content of unsaponifiables including rare dibenzo[a,c] cyclooctadiene of the gomisin and schizandrin types, beta sitosterol and essential oil, fatty oil with a high content of linoleic acid.

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Brown
Odor	Characteristic, weak aromatic
Relative density at 20°C	0,95- 0,97 g/cm ³
Refractive index at 20°C	1,490 - 1,510
Flash point	+100°C
Unsaponifiables	26,0 %
Peroxide value	4,6 meq O ₂ /kg
Acid value	12,1 mg KOH/g
Saponification value	143 mg KOH/g
Ester value	131 mg KOH/g

Chemical composition

Content of volatile oil	18 – 25%
Relative composition of the volatile oil	Himachalene 6,0 % gamma Muurolen 1,0 % Santalene 7,1 % Santalol 2,8 %

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Sum of identified lignans (calc. as Deoxyschizandrin)	10,0 %
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TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container
Shelf Life	Min 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	288-920-0 / 232-273-9
CAS	85940-30-3 / 8001-21-6

DISCLAIMER

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