

# Product Information

## Product Data Sheet

### ALPAFLOR® SCUTELLARIA CB

Product code: 5037863

#### Description

ALPAFLOR® SCUTELLARIA CB is an extract from the organically cultivated Alpine plant Alpine skullcap (*S. alpine*) for cosmetic application. ALPAFLOR® SCUTELLARIA CB is certified organic by COSMOS, NATRUE and Fair Trade certified according to the Fair for Life standard.

#### Product Identification

Product code: 50 3786 3

##### Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Scutellaria Alpina Flower/Leaf/Stem Extract <sup>1)</sup>	1-5 %	921608-19-7	none
Glycerin	> 50 %	56-81-5	200-289-5
Aqua	25-50 %	7732-18-5	231-791-2
Citric Acid	0.1-1 %	77-92-9	201-069-1

<sup>1)</sup> Fair Trade certified by Fair for Life

#### Specifications

<b>Appearance:</b>	clear to slightly opalescent, brown colored, slightly viscous liquid with characteristic odor
<b>Identity by UHPLC:</b>	comparable chromatogram to that of internal reference standard
<b>pH:</b>	3.5 - 5.5
<b>Relative density d<sub>20/20</sub>:</b>	1.100 - 1.250
<b>Refractive Index n<sub>25</sub>:</b>	1.412 - 1.432
<b>Flavonoids by UHPLC:</b> (calculated as scutellarin)	≥ 90 mg / 100 g

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### Total Viable Aerobic Count:

- Total Aerobic Microbial Count (TAMC):  $\leq 100$  CFU / g
- Total Yeasts/Molds Count (TYMC):  $\leq 100$  CFU / g

**Specified microorganisms:** Absence in 1 g

### Solubility

ALPAFLOR® SCUTELLARIA CB is soluble in water.

### Stability and Storage

ALPAFLOR® SCUTELLARIA CB may be stored for at least 24 months from the date of manufacture in the unopened original container protected from light in a clean place and at a temperature between 8 and 25 °C. The 'Best use before' date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, containers should be handled with special care.

### Uses

ALPAFLOR® SCUTELLARIA CB is a plant extract for cosmetic products. It can be processed either warm (< 60 °C) or cold and should be incorporated in the finished cosmetic formulation. For skin care preparations, the addition of 1 to 3 % ALPAFLOR® SCUTELLARIA CB is recommended.

### Certifications

#### FAIR FOR LIFE

19.90 % of the total ingredients are Fair Trade certified according to the Fair for Life standard available at [www.fairforlife.org](http://www.fairforlife.org).

#### COSMOS

ALPAFLOR® SCUTELLARIA CB: Certified as 19.90 % organic by Ecocert Greenlife according to COSMOS Standard available at <http://cosmos.ecocert.com>.  
99.55 % of the total ingredients are from Natural Origin.

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### NATRUE

ALPAFLOR® SCUTELLARIA CB complies with the NATRUE criteria.

5 % Natural (98 % Organic), 26 % Water, 69 % Derived natural.

### Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

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#### Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

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