

ALPAFLOR®

Organic, transparent,
sustainable and fair
trade skin actives for
naturally beautiful
looking skin





ALPAFLOR[®] portfolio


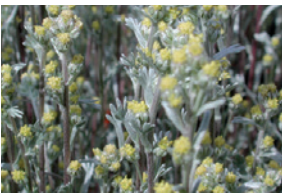


At DSM we believe that high performing, organic bioactives provide people with a sense of harmony, vitality and confidence and maintain timeless beauty. In a world where the concern about our planet's health is becoming increasingly important, values like sustainability, biodiversity and organic cultivation will drive people's choice of beauty products.

Starting as a pioneer more than a decade ago, ALPAFLOR[®] has become a globally recognized standard for organic, highly effective, certified bioactives from Swiss Alpine plants. ALPAFLOR[®] represents a truly organic philosophy from seed to bioactive with its entirely FAIR TRADE, COSMOS, NATRUE and HALAL certified portfolio.

Standardized high altitude cultivation combined with DSM's comprehensive phytochemical expertise ensures outstanding quality, efficacy, and traceability from seed to bioactive. Harvesting at the right time, taking specific plant parts only and applying bio-guided fractionation guarantees high performing organic bioactives.

We want to engage with you to deliver the power of high performing organic Alpine bioactives.

ALPAFLOR® portfolio overview

	Name DSM Code	INCI Name (actives)	Description	Natural Origin content†
	ALPAFLOR® ALP-SEBUM CB* 5037861	Epilobium Fleischeri Flower / Leaf / Stem Extract	Effective sebum production, pore size reduction and microbiome balancing for visibly mattified skin.	100.0%
	ALPAFLOR® ARTEMISIA AO 5037484	Artemisia Umbelliformis Flower Extract	Natural antioxidative and radical scavenging activity for any anti-aging care <i>Contains potassium sorbate and sodium benzoate</i>	99.6%
	ALPAFLOR® BUDDLEJA AO 5037468	Buddleja Davidii Leaf Extract	Natural DNA bodyguard and skin regenerator <i>Contains potassium sorbate and sodium benzoate</i>	99.6%
	ALPAFLOR® EDELWEISS CB* 5037860	Leontopodium Alpinum Flower / Leaf Extract	Supports skin's protective barrier, rebalances UV-induced oxidative stress markers and slows down glycation-related signs of skin aging. Helps prevent hair loss and fights against hair greying stress markers	100.0%

All our ALPAFLOR® products have the following certifications:



Fair trade certified
according to the
Fair For Life standard
available at
www.fairforlife.org



Certified by Ecocert Greenlife
according to COSMOS
Standard available at
<http://cosmetics.ecocert.com>.



Complies with
the NATRUE
Criteria.



Halal certified
according to Halal
Food Council of
Europe



Vegan Friendly

*Does not contain intentionally added substances regulated/listed as preservative.




**Literature and/or *in vitro* testing. † According to ISO16128

Cosmetic applications	Main active ingredients of the extract	Standardization	Properties of the plant**
Oily/shiny skin, T-zone, young skin, pore size reduction, oil-free, acne-prone skin	Oenothain A and B, Phenolic Acids (Gallic Acid, Ellagic Acid), Flavonoids (Quercitrin, Myricitrin, Isomyricitrin, Hyperoside...)	Oenotheins 120-500mg / 100g (UHPLC; calculated as Gallic Acid)	5α-reductase reductor, anti-inflammatory, metalloproteinase inhibitor, antioxidant, radical scavenger
Protective and anti-aging skin care	Chlorogenic Acid and Derivatives, Flavonoids, Tannins	Phenolic acids \geq 25mg / 100g (UHPLC; calculates as Chlorogenic acid)	Antioxidant, radical-scavenger, anti-inflammatory, anti-microbial
Anti-aging formulations, especially targeting the protection of DNA	Phenylethanoids, Flavonoids, Iridoids, Lignans	Phenolic acids \geq 100mg / 100g (UHPLC; calculated as Verbascoside)	DNA protective, antioxidant, radical scavenger, supports wound healing
High performing organic & natural skin care, protection for stressed & sensitive skin, sun & after sun, anti-oxidant	Chlorogenic Acid, Leontopodic Acid, Luteolin-4'-O-Glucoside, Apigenin-7-O-Glucoside, Luteolin, Tannins	Phenolic acids \geq 100mg / 100g (UHPLC; calculated as Chlorogenic Acid)	Antioxidant, radical-scavenger, interleukin-5 inhibitor, anti-inflammatory, hyaluronidase inhibitor, inhibitor of lipid peroxidation, antiseptic, anti-fungal, bactericidal

See regulatory status China statement



ALPAFLOR® portfolio overview

	Name DSM Code	INCI Name (actives)	Description	Natural Origin content [†]
	ALPAFLOR® GIGAWHITE CB 5037862	Malva Sylvestris (Mallow) Flower / Leaf / Stem Extract, Alchemilla Vulgaris Flower / Leaf / Stem Extract, Veronica Officinalis Flower / Leaf / Stem Extract, Achillea Millefolium Flower / Leaf / Stem Extract, Primula Veris Flower Extract / Mentha Piperita (peppermint) Leaf Extract / Melissa Officinalis Leaf Extract	Organic solution that illuminates the skin in a natural way	100.0%
	ALPAFLOR® IMPERATORIA AO 5037530	Peucedanum Ostruthium Leaf Extract	Natural reepithelialization care, supported by <i>in vitro</i> proven accelerated wound healing activity <i>Contains potassium sorbate and sodium benzoate</i>	99.6%
	ALPAFLOR® LINUM AO 5037557	Linum Alpinum Flower / Leaf / Stem Extract	Swiss Alpine soothing and calming solution for natural cosmetics <i>Contains potassium sorbate</i>	99.6%

All our ALPAFLOR® products have the following certifications:



Fair trade certified according to the Fair For Life standard available at www.fairforlife.org



Certified by Ecocert Greenlife according to COSMOS Standard available at <http://cosmetics.ecocert.com>.



Complies with the NATRUE Criteria.



Halal certified according to Halal Food Council of Europe



Vegan Friendly

*Does not contain intentionally added substances regulated/listed as preservative.






**Literature and/or *in vitro* testing. † According to ISO16128

Cosmetic applications	Main active ingredients of the extract	Standardization	Properties of the plant**
Skin illuminator, even skin tone	Flavonoids, Phenolic Acids, Polysaccharides, Iridoids	–	Tyrosinase inhibitor
Regenerating products and reepithelialization formulations, after-sun men care, after shave, formulations support to stretch marks prevention	Flavonoids (Rutin), Phenolic Acids, Tannins, Sugars	Flavonoids \geq 80mg / 100g (UHPLC; calculated as Rutin)	Accelerates wound-healing, skin reepithelialization & repair of scratch wounds, anti-inflammatory
Soothing and calming for sensitive skin, day and night care, after sun, baby products line	Flavonoids (Saponarin), Phenolic Acids, Tannins, Lignans	Flavonoids \geq 50mg / 100g (UHPLC; calculated as Saponarin)	Anti-inflammatory, antioxidant, soothing, calming

See regulatory status China statement



ALPAFLOR® portfolio overview

	Name DSM Code	INCI Name (actives)	Description	Natural Origin content†
	ALPAFLOR® MALVA AO 5037549	Malva Sylvestris (Mallow) Flower / Leaf / Stem Extract	Natural moisturizing and soothing of sensitive skin <i>Contains potassium sorbate and sodium benzoate</i>	99.6%
	ALPAFLOR® MARRUBIUM AO 5037522	Marrubium Vulgare Flower / Leaf / Stem Extract	Natural solution for sensitive and stressed skin, supported by its <i>in vitro</i> proven reduction of histamine production <i>Contains potassium sorbate and sodium benzoate</i>	99.6%
	ALPAFLOR® NECTAPURE PF* 5037344	Buddleja Davidii Leaf Extract, Thymus Vulgaris (Thyme) Flower / Leaf Extract	Natural moisturizing and protective complex against city stress. Enhancement of skin's own antioxidant defense	100.0%
	ALPAFLOR® SAMBUCUS AO 5037514	Sambucus Nigra Flower Extract	Natural astringent solution for skin fitness, through <i>in vitro</i> proven reduction of VEGF biosynthesis <i>Contains potassium sorbate and sodium benzoate</i>	99.6%
	ALPAFLOR® SCUTELLARIA CB* 5037863	Scutellaria Alpina Flower / Leaf / Stem Extract	Wellness for illuminating happy skin. Relieve urban stress for incomparable comfort <i>in vivo</i>	100.0%

All our ALPAFLOR® products have the following certifications:



Fair trade certified
according to the
Fair For Life standard
available at
www.fairforlife.org



Certified by Ecocert Greenlife
according to COSMOS
Standard available at
<http://cosmetics.ecocert.com>.



Complies with
the NATRUE
Criteria.



Halal certified
according to Halal
Food Council of
Europe



Vegan Friendly

*Does not contain intentionally added substances regulated/listed as preservative.

**Literature and/or *in vitro* testing. † According to ISO16128

Cosmetic applications	Main active ingredients of the extract	Standardization	Properties of the plant**
Moisturizing and soothing, facial and body care, baby products line	Mucilages, Polysaccharides, Tannins, Flavonoids, Phenolic Acids	–	Moisturizer, soothing, anti-irritant, emollient, anti-inflammatory
Formulations for sensitive and stressed skin, wellness care, protective care, after sun	Phenolic Acids, Flavonoids	Phenolic acids \geq 30mg / 100g (UHPLC; calculated as Verbascoside)	Anti-histaminic , anti-inflammatory, antioxidant
“City stress” protection, day care and antiaging, especially anti-pollution formulations, men care	Phenolic Acids (Rosmarinic Acid), Phenylethanoids (Verbascoside), Iridoids, Flavonoids	Phenolic acids \geq 50mg / 100g (UHPLC; calculated as Rosmarinic Acid)	Anti-pollution treatment, moisturizing , antioxidant, radical protection
Heavy legs care, wellbeing formulations, support against diffuse reddening	Flavonoids (Rutin), Phenolic Acids, Tannins, Mucilages	Flavonoids \geq 70mg / 100g (UHPLC; calculated as Rutin)	Reduces the biosynthesis of VEGF , anti-inflammatory, anti-oedemic
Spa and wellness care, de-stressing cosmetic products, mature skin, happy skin, anti-pollution care	Flavonoids (Scutellarin), Iridoids, Tannins, Polysaccharides	Flavonoids \geq 90mg / 100g (UHPLC; calculated as Scutellarin)	Beta-endorphin stimulating: “happiness inducing”, lipid replenishing , anti-inflammatory, soothing, antioxidant, radical scavenger

See regulatory status China statement



Nomenclature

LATIN NAME	ENGLISH	FRENCH	GERMAN	SPANISH	ITALIAN
<i>Achillea millefolium</i>	Yarrow	Achillée millefeuille	Gemeine Schafgarbe	Milenrama	Millefoglio montano
<i>Alchemilla vulgaris</i>	Lady's mantle	Alchémille	Frauenmantel	Alquimila	Alchemilla
<i>Artemisia umbelliformis</i>	White genepi	Génépi blanc	Echte Edelraute	Genepi	Genepi bianco
<i>Buddleja davidii</i>	Butterfly bush	Arbuste aux papillons	Sommerflieder	Arbusto de las mariposas	Arbusto delle farfalle
<i>Epilobium fleischeri</i>	Alpine Willowherb	Epilobe de Fleischer	Fleischers Weidenröschen	Epilobio fleischeri	Garofanino di Fleischer
<i>Leontopodium alpinum</i>	Edelweiss	Edelweiss	Edelweiss	Edelweiss	Stella alpina
<i>Linum alpinum</i>	Alpine flax	Lin alpin	Alpen-Lein	Lino de los Alpes	Lino
<i>Malva sylvestris</i>	Mallow	Mauve	Malve	Malva	Malva
<i>Marrubium vulgare</i>	White horehound	Marrube vulgaire	Andorn	Marrubio	Marrubio
<i>Melissa officinalis</i>	Balm mint	Mélisse officinale	Zitronen-Melisse	Melisa	Melissa vera
<i>Mentha piperita</i>	Peppermint	Menthe poivrée	Pfefferminze	Hierbabuena, menta	Menta piperina
<i>Peucedanum ostruthium</i>	Masterwort	Impératoire	Meisterwurz	Imperatoria	Imperatoria
<i>Primula veris</i>	Primula	Primevère	Frühlings-Schlüsselblume	Primula	Primula odorosa
<i>Sambucus nigra</i>	Elder flowers	Sureau noir	Holunder	Saúco	Sambuco
<i>Scutellaria alpina</i>	Alpine skullcap	Scutellaire alpine	Alpen-Helmkraut	Tercianaria alpina	Scutellaria
<i>Thymus vulgaris</i>	Thyme	Thym	Thymian	Tomillo	Timo
<i>Veronica officinalis</i>	Speedwell Herb	Véronique officinale	Gebräuchlicher Ehrenpreis	Verónic	Veronica medicinale



Epilobium fleischeri

For more information, please visit www.dsm.com/personal-care

Europe

DSM Nutritional Products Europe Ltd
Personal Care
Wurmisweg 576, CH-4303 Kaiseraugst
Switzerland
Phone: +41 (61) 815 8888
Email: info.pc-emea@dsm.com

North America

DSM Nutritional Products, LLC
45 Waterview Boulevard, Parsippany, NJ 07054
United States of America
Phone: +1 800 526 0189
Fax: +1 973 257 8580
Email: info.pc-na@dsm.com

Asia Pacific

DSM Singapore Industrial Pte Ltd.
trading as DSM Nutritional Products Asia Pacific
30 Pasir Panjang Road
Mapletree Business City #13-31
Singapore 117440
Phone: +65 6632 6617
Fax: +65 6632 6600
Email: info.pc-apac@dsm.com

Latin America

DSM Produtos Nutricionais Brasil S.A.
Av. Juscelino Kubitschek, 1909, Torre Sul, 5o andar
03178-200 Brasil
Phone: + 55 11 3760 6409
Fax: + 55 11 3760 6492
Email: info.pc-latam@dsm.com

China

No. 476, Libing Road, Zhangjiang
Pudong, Shanghai 201203
China
Phone: +86 21 6171 8240
Fax: +86 21 61716266
Email: info.pc-china@dsm.com



DISCLAIMER

DSM has used diligent care to ensure that the information provided herein is accurate and up-to-date, however, DSM makes no representation or warranty, either expressly or implied, of the accuracy, reliability, or completeness thereof. The information provided herein contains scientific and product information for business to business use and does not constitute or provide scientific or medical advice, diagnosis or recommendation for treatment. Country or region-specific information should be considered when labeling or advertising to final consumer. In no event shall DSM be liable for any damages arising from or reliance upon, or use of, any information provided herein. The content of this document is subject to change without further notice. Please contact your local DSM representative for further details. All trademarks listed in this document are either (registered) trademarks of, or trademarks licensed by, the DSM group of companies in the Netherlands and/or other countries, unless explicitly stated otherwise.