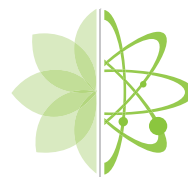




COSMOS
APPROVED



naturalis®
LIFE TECHNOLOGIES



PHYTO-COMPLEX ASM

(Stretch marks Plant Complex)



Borago Officinalis



Triticum Vulgare



Humulus Lupulus



Hydrocotyle Asiatica



Echinacea Angustifolia



Melissa Officinalis

DESCRIPTION:

Synergic vegetal complex obtained by ultrasonic waves at low temperature. Phyto-Complex ASM is a blend of six plant extracts in a concentrated form that contains active natural molecules with strong emollient, moisturizing and stretch of epithelial tissue effects. Phyto-complex ASM restores the tone, suppleness to the skin and prevents stretch marks.

COMPOSITION:

- Borago Officinalis
- Triticum Vulgare
- Humulus Lupulus
- Hydrocotyle Asiatica
- Echinacea Angustifolia
- Melissa Officinalis

COSMETIC INTEREST:

Phyto-complex ASM can be used in any cosmetic products where you want to improve skin elasticity and prevent the onset of stretch marks. It can be easily added to creams, gels and sprays alone or used in combination with Nio-hydran (see Niosome series).

ACTIVITY:

Moisturizing, Emollient, skin elasticity

INCI NAME:

Borago Officinalis Extract, Triticum Vulgare Germ Extract, Humulus Lupulus Flower Extract, Centella Asiatica Leaf Extract, Echinacea Angustifolia Root Extract, Melissa Officinalis Leaf Extract, Glycerin, Aqua.

INCI NAME (CTFA):

Borago Officinalis Extract, Triticum Vulgare (Wheat) Germ Extract, Humulus Lupulus Flower Extract, Centella Asiatica Leaf Extract, Echinacea Angustifolia Root Extract, Melissa Officinalis (Balm Mint) Leaf Extract, Glycerin, Water.

CAS N°: 84012-16-8, 84012-44-2, 8060-28-4, 84696-21-9, 84696-11-7, 84082-61-1, 56-81-5, 7732-18-5

EINECS N°: 281-661-4, 281-689-7, 232-504-3, 283-640-5, 283-631-6, 282-007-0, 200-289-5, 231-791-2

SPECIFICATION:

Density (at 20° C):	1,12 ± 0,010
pH:	6,0 ± 0,5
Dry matter:	1-2 %
Appearance:	Clear liquid
Colour:	Dark amber
Odour:	Slight
Refractive index:	1,40 – 1,44
Bacteria:	< 100 germs/ ml
Yeast & Moulds:	< 10 germs/ ml

PRESERVATIVE:

Benzyl Alcohol (0,6%), Sodium Benzoate (0,18%), Potassium Sorbate (0,12%)

SOLUBILITY:

Soluble in water phase

PHYTO-COMPLEX ASM (Stretch marks Plant Complex)



RECOMMENDED USAGE:

Use level: 3-5%
Formulating pH range: any value
Formulating temperature range: 20 to 75°C

CERTIFICATION STATUS:

Natural product
ECOCERT Approved
COSMOS Approved
GMOrganisms
Not tested on animals

SAFETY & TOXICITY

Reference COMMISSION REGULATION (EC) No 987/2008 of 8 October 2008 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH):

- non-irritating
- non-toxic

PACKAGING:

10 kg Plastic drum

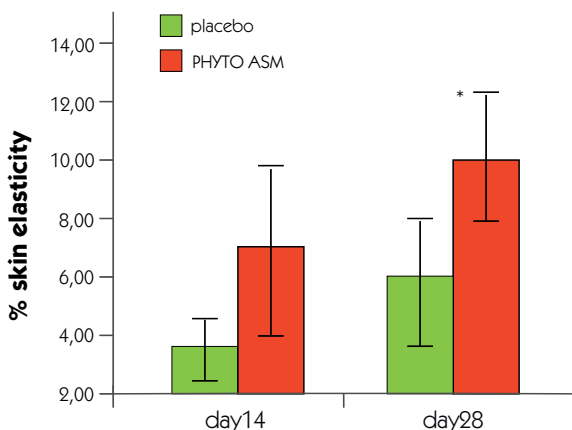
SHELF LIFE:

18 Months away from light and heat source, closed containers.

CLAIM SUBSTANTIATION:

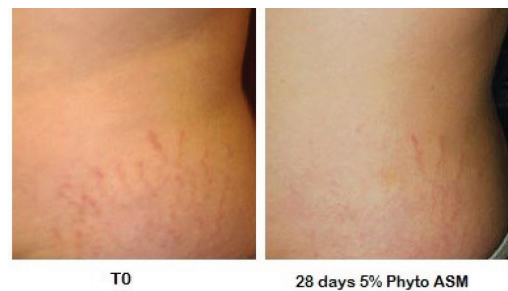
IN VIVO: SKIN ELASTICITY BY CUTOMETRY

A study with 10 ladies 32-52 age (average 44) treated with 5% Phyto-complex ASM cream on thighs and buttocks for a period of 4 weeks showed an increase of skin elasticity almost 10% respect to placebo (6%).



IN VIVO: QUALITATIVE ASSESSMENT OF REDUCTION OF STRETCH MARKS

A clinical study with 14 ladies 36-55 age (average 47) treated with 5% Phyto-complex ASM cream on thighs and buttocks for a period of 4 weeks, 8 ladies out to 14 (57%) showed evident reduction of visible stretch marks.



IN VIVO: QUANTITATIVE ASSESSMENT OF REDUCTION OF STRETCH MARKS

Quantitative Morphometric Analysis:

Clinical study with 14 ladies 36-55 age (average 47) treated with 5% Phyto-complex ASM cream on thighs and buttocks for a period of 4 weeks. Morphometric analysis was carried on skin replicas by morphometric software for image analysis



RESULTS SHOWED:

- Improvement of the inhomogeneity of skin affected by stretch marks (- 22%)
- Reduction of the depth (- 13%)
- Reduction of the ridge length (- 52%)
- Reduction of the hollow surface (-47%)