

CP OAT AVENANTHRAMIDE EXTRACT

ECOCERT NATURAL REGISTRATION

- > Powerful Natural Soothing Agent
- > Product # 902-3043

Looking for a natural extract proven to soothe itchy skin, alleviate redness and significantly reduce inflammation? CP Oat Avenanthramide Extract is your natural standardized clinically proven solution!

Before the discovery of Avenanthramides as the active component in oats, colloidal oatmeal was used for skin soothing and, in 2003, was recognized by the FDA to “relieve minor skin irritations and itching due to: rashes, eczema, poison ivy, oak, sumac, insect bites” (CFR 21, revised April 2018). Ceapro scientists were the first to identify the link between the traditional symptomatic relief from oatmeal and the functional activity of Avenanthramides.

Avenanthramides are unique as they are only found in oat (*Avena sativa*) grains. Powerful natural anti-oxidant and skin soothing properties make them ideal for skin and hair care products; especially baby, sun care, personal care and cosmetics products. As a potent natural active ingredient they excel in sensitive skin and scalp products.

PRODUCT COMPOSITION

INGREDIENT	CAS	EINECS
Avena sativa (Oat) Kernel Extract	84012-26-0	281-672-4 (I)
Glycerin	56-81-5	200-289-5
Potassium sorbate	590-00-1	246-376-1

PHYSICAL PROPERTIES

- Yellow-amber aqueous solution
- Natural low oat odour

KEY PRODUCT APPLICABILITY

- Hair care products
- Baby care products
- Sun care products
- Creams and lotions
- Antiperspirants
- Liquid foundations

ACTIVITY & BENEFITS

- ✓ Contains natural antioxidants producing superior skin soothing benefits
- ✓ The skin calming active has been identified as Avenanthramides
- ✓ Standardized on its active principle of 100ppm Avenanthramides A,B,C
- ✓ Shown to suppress skin and hair lipid peroxidation
- ✓ Effectively calms the skin as low as 0.45ppm



Non-GMO



Allergen Free



Natural



**Not Tested
on Animals**

TECHNICAL SPECIFICATION

Colour:	Yellow to Amber
Avenanthramides	AV-A, AV-B, AV-C: 100 ppm
Protein:	≤2.0 %
pH @ 25°C:	3.5-5.0
Turbidity (NTU) @ 25°C:	<20
Preservative:	0.2% (w/w) Potassium sorbate

Product formulated in glycerol and water (1:1 w/w)

MICROBIOLOGICAL PROPERTIES

YEAST / MOULD

Total Aerobic Microbial Count	<100 cfu/ml
Total combined yeast and mould count	<100 cfu/ml

RECOMMENDED USAGE

Recommended usage:	0.5% to 5.0%
Formulating pH range:	2 to 8
Formulating temperature range:	25°C to 50°C

SOLUBILITY

Suitable for all water-based product forms (aqueous, aqueous/alcohol, emulsions, etc.)

SUGGESTED FORMULATION

Moisturising High SPF
Sunscreen Lotion with Ceapro
Oat Avenanthramide Extract

HANDLING PROCEDURES

- Store at room temperature in a cool and dry place, avoid light and heat.
- Ceapro Oat Avenanthramides Extract is designated as non hazardous material.
- Keep containers closed when not in use.

PACK SIZES AVAILABLE

5 kg, 20 kg and 200 kg

SHELF LIFE

Use within 12 months.



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