

AquaCacteen

Moisture, Protection and Nutrition for your Skin

by Daniel Schmid*



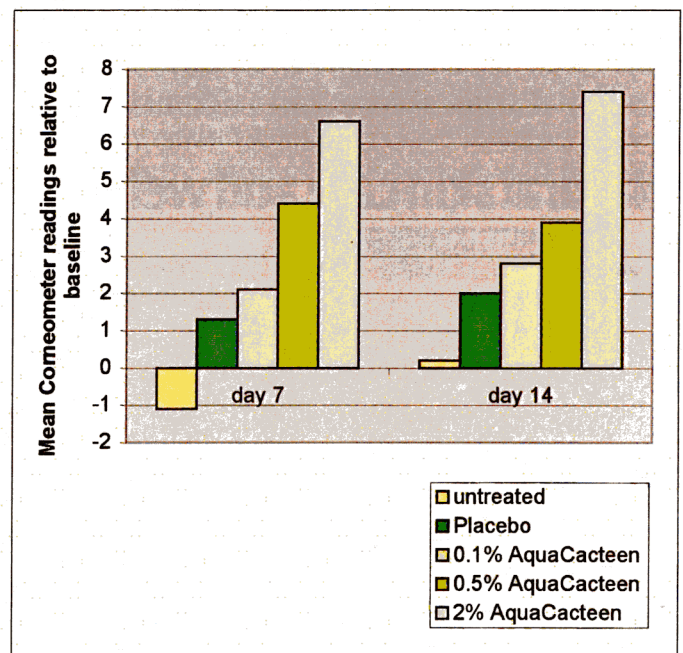
Nopal, often called prickly pear or Opuntia, is a succulent cactus native to Mexico, where its use as a food and medicine dates back to the ancient Aztecs. Today, the Nopal stems or pads are highly estimated as a health supporting food. Nopal is a rich source of fibre including lignin, cellulose, pectin, mucilages and gums and a good source of vitamins A, B1, B2, B3 and C and the minerals potassium, calcium, magnesium and iron. Furthermore, Nopal contains 18 different amino acids essential in supporting good health.

Cacti such as Nopal grow in an arid environment highly resistant to strong sun exposure and extreme drought. The moisture-retaining ability of the cactus as well as its capacity to tolerate extreme UV-irradiation was the basis to develop a new natural highly potent Cactus Extract that unifies all the properties of Nopal:

- 1 Hydration Water-binding polysaccharides
- 2 Protection Antioxidants (flavonoids)
- 3 Nutrition Minerals, vitamins and trace elements

AquaCacteen is extracted from a 30-fold concentrated cactus powder. An enzymatic treatment guarantees the full extraction of Nopal's valuable ingredients. Thereby, the cells of the cactus are broken open and the water soluble nutrients are extracted, followed by a nano-filtration process.

AquaCacteen was found to significantly improve skin hydration in a rinse off product. A shower gel with different concentrations of AquaCacteen was tested in a study with 20 female volunteers over two weeks. The product was applied once daily. The skin hydration was measured on the inner side of the forearm.



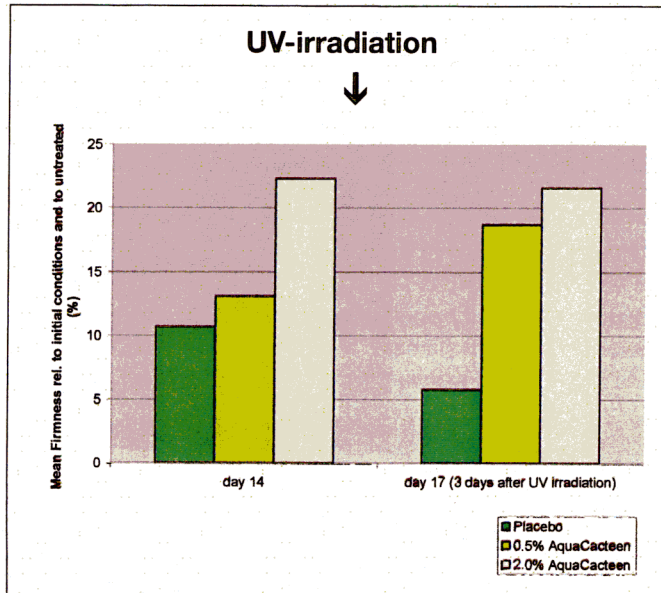
AquaCacteen improves skin hydration in a rinse off application

AquaCacteen was also found to clearly help against loss of skin firmness after UV-irradiation. An emulsion with different concentrations was tested in a study with 20 volunteers over seventeen days. The product was applied twice daily for fourteen days. At the end of this period the skin of the forearm was irradiated with 0.75 MED UV-light. Skin firmness was measured three days later on the inner side of the forearm.

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COSMETIC RAW MATERIAL

mibelle 



AquaCacteen protects the skin against UV-irradiation induced damage

AquaCacteen calms the skin from environmental damage

provides the skin with its ideal level of moisture and nutrition

keeps the skin fresh and vital

Composition: Opuntia Streptacantha Stem Extract (and) Glycerin (and) Phenoxyethanol (and) Aqua.

