

RADIANCYL

Ancestral knowledge for modern use

INCI NAME:

Propanediol, Aqua (Water), Lepidium Meyenii Root Extract

DOSE OF USE:

3%-5%

SOLUBILITY:

HYDROSOLUBLE

PRESERVATIVE:

PRESERVATIVE FREE

COSMETIC USE:

- › Products for matured skins & prematurely aging.
- › Preparations for skins lacking energy
- › Dull skins
- › Treatments to improve skin firmness and radiance
- › Hair products: Shampoos, lotions, treatment creams

DESCRIPTION:

Maca (*Lepidium meyenii*) is a treasure from the Peruvian Andes promoting energy and fortitude. It is considered in Peru a medicinal plant with high nutritive value. New research shows that Maca also has efficiency at skin and hair treatments.

RADIANCYL provides the body with many **healthful nutrients**, including potassium and calcium (it actually has higher levels of calcium than milk). It also contains protein, carbohydrates, and fatty acids. However, two recently discovered compounds, macamides and macaenes are thought to give Maca its powerful aphrodisiac effects.

Maca root extract is **extremely rich** in the amino acids, vitamins, and minerals nutrients required to drive many cellular functions in the body.

RADIANCYL contains various nutritious substances:

- ✓ **Proteins** (in a higher quantity than at any other vegetables)
- ✓ **Amino acids** (18 including essential amino acids)
- ✓ **Minerals** (Fe, Zn, Mn, Ca, Potassium, etc)
- ✓ **Vitamins** (Vitamin B's including niacin)
- ✓ **Active principles:** Flavonoid, Terpenoid, Alkaloid, Saponin, Glucosinolate, etc.

It is characteristic of the Maca that so many substances are condensed in its root. It is not difficult to find plants containing each one of these substances but it is difficult to discover a single one that should contain so many valuable principles as **RADIANCYL**.

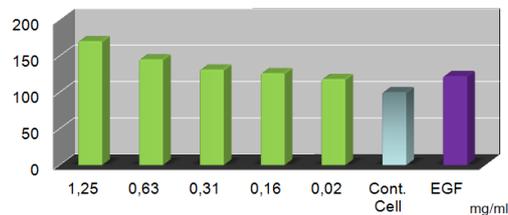
PROPERTIES:

CLINICAL EFFICACY TEST:

1> In-vitro Human skin fibroblast growth stimulation vs Epidermal growth factor (EGF):

RADIANDYL can improve +70% the vitality and production of the skin's fibroblasts. These cells are responsible for the collagen and elastin fibers manufacture at the dermis, increasing collagen synthesis and improving the integrity of the skin's structural matrix.

RADIANCYL FIBROBLAST GROWTH STIMULATION



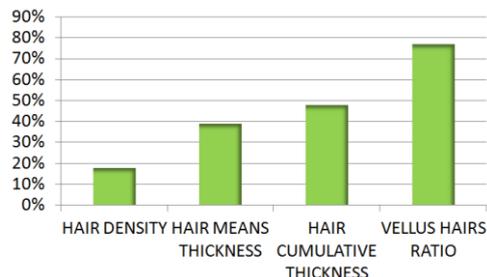
2> In-vivo, Increasing hair thickness in alopecia:

N=10, t=8 weeks.

RADIANCYL encourages hair growth and maintenance by promoting keratinocyte & fibroblasts mitosis and protecting the ever-important hair bulb.

RADIANCYL promotes a significant decrease of **38,7 %** in hair thickness in **90 % of volunteers**.

% IMPROVEMENT



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