

CactiNea™

Lighten up your body

- Active ingredient from cactus fruit
- Anti-water retention properties, for a slimmer body
- Highly bioavailable antioxidant



An extremely potent antioxidant

The cactus fruit from which **Cacti-Nea™** is derived is the richest vegetable source of indicaxanthin, **the most bioavailable** betalain pigment, with scientifically demonstrated properties:

- Indicaxanthin is 20 times more bioavailable than betanin.
- Cactus pears increase cells' antioxidant capacity (+50%).
- Indicaxanthin protects LDL cholesterol from oxidation.
- **Cacti-Nea™** induces a significant increase of glutathione peroxidase (an antioxidant marker) in blood cells after 7 days*.

Exceptional anti-water retention properties

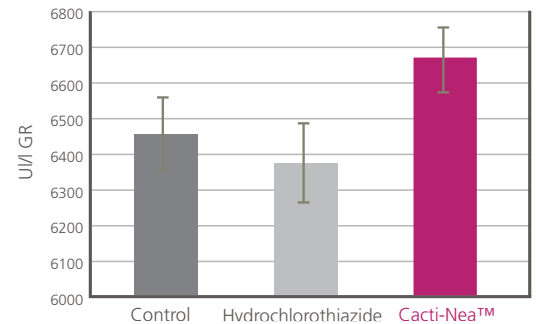
Historically, prickly pear infusions were renowned for their depurative and diuretic effect. Based on this traditional know-how and published scientific results, Nexira conducted its own research demonstrating the following effects of **Cacti-Nea™**:

- 27% increase in excess water elimination**.
- Has properties comparable to a reference chemical drug (hydrochlorothiazide)*.

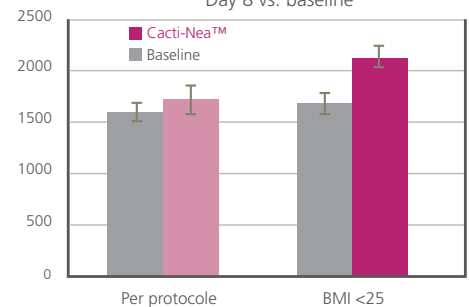
Clinical study shows positive effects and high level of acceptance

- Reduction of the sensation of heavy legs and swollen feet/ankles/calves**.
- Significant positive effect on body parameters: ankle, calf & waist circumference reduction**.
- **80% of women are convinced by Cacti-Nea's effect**.**

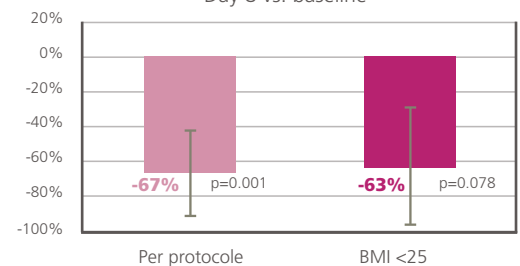
7-days study on rats:
Globular rate of glutathione peroxidase



Clinical study: evolution of urinary volume (mL)
Day 8 vs. baseline



Clinical study: evolution of heavy legs sensation
Day 8 vs. baseline



THE NEW SUPERFRUIT INGREDIENT

- 2 clinical studies and 1 published *in vivo* study*
- Tremendous antioxidant and anti-water retention properties
- Water-soluble, gently flavored, natural fruit powder extract
- Can be used in functional beverages & dietary supplements
- Active dosage: 1 to 2 g/day

* Rat study (2006): results published in Phytotherapy Research 2009. (Bisson JF et al. Diuretic and antioxidant effects of Cacti-Nea™, a dehydrated water extract from prickly pear fruit, in rats).

** Human clinical: open intra-individual study on 15 women with water-retention troubles, with a daily dose of Cacti-Nea™ of 2g, during one week (2010).