**Tight Junctions & Skin Barrier Function Improvement**

*Centella Asiatica Leaf Extract*

- Madagascan plant from ethical sourcing
  - Traditional use: wound healing
  - Gathering of wild Talapetraka* according to "Good collecting practice"
- Highly purified extract
  - Titrated in Madecassoside & Asiaticoside
  - Powder form - Recommended use: 0.3-0.5%

**Biological Activities**

- **Aquaporin-3 stimulation in living epidermis**
- **Occludin synthesis activation**
- **ZO-1 synthesis activation**
  - Reinforcement of tight junctions
  - Stimulation of involucrin synthesis in spinous layer
- **Improvement of keratinocytes differentiation**
- **Improvement of water recycling**

**Cosmetic Claims**

- Skin barrier function improvement, Keratinization disorders regulation
  - (Dry skin, Mature skin...)

* Talapetraka : madagascan name of *Centella asiatica*

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