



## ForUEver Young

Multi-extract for better longevity in granulated powder



An antioxidant nourishment for nutraceutical formulations targeted on different health areas:

- **Skin protection and antiaging action**
- **Intestinal health**

ForUEver Young was tested in vitro on different cell lines, in order to investigate its antioxidant and anti-inflammatory properties.

In particular, tests were performed on 2 cellular models:

- **On human keratinocytes (HaCaT) for skin wellness**
- **On intestinal cell (CaCo2) for gastrointestinal health**

To be combined with other botanicals that can work in synergy in the following areas:

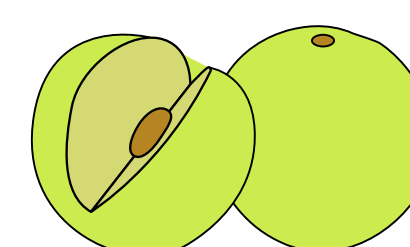


**Suitable for:**

- **Tablets**
- **Capsules**
- **Soluble powders**



*Uncaria tomentosa*

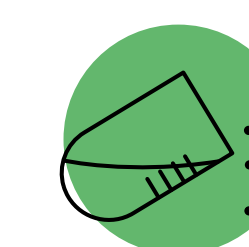


*Emblica officinalis*

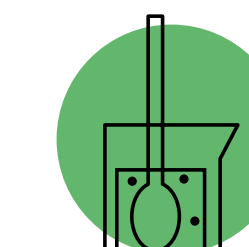
**Benefits measured with in vitro performance tests in collaboration with University of Padua**

### Granulated Powder Features

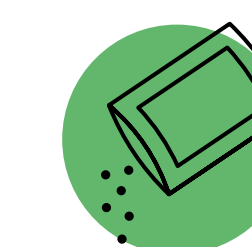
Granular extracts are characterised by an innate fluidity, ease of dissolution and high compressibility, which makes them particularly suitable for ensuring quality industrial preparations by bringing manufacturing lines to work at high performance. They are obtained through a special fluid bed granulation process (FFLG) to guarantee a perfect powder.



FLOWABLE



SOLUBLE



ELEGANT

- Suitable for vegans

### Documented Quality

- Pesticides in accordance with Reg. CE 396/2005 and updated amendments.
- Residual solvents in accordance with Dir. CE 2009/32
- Total Aflatoxins <10 ppb in accordance with Reg. CE 915/2023
- Microbiological parameters controlled
- API in accordance with Reg. CE 915/2023
- Heavy metals in accordance with Reg. CE 915/2023 and Eur. Ph. 7th ed.
- Allergens-free in accordance with Reg. CE 1169/2001
- Not irradiated product Dir. 1992/2/CE, 1993/3/CE, Dlgs. 94 30/01/2001.

\*Source: Annex 1 to the Ministerial Decree of 10 August 2018 on the regulation of the use in food supplements of Herbal Substances and Preparations as updated by Decree of 9 January 2019; Ministerial Reference Guidelines for physiological effects according to the model defined by the Council of Europe (Homeostasis, a model to distinguish between food, including food supplements, and medicinal products, 07/02/2008).





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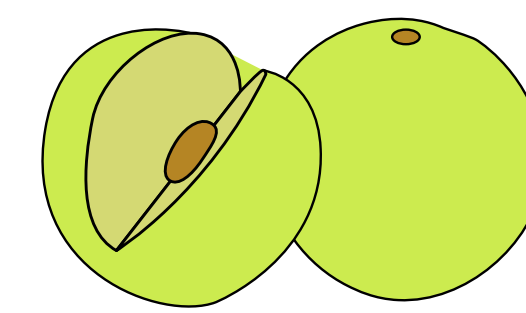
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### **Uncaria tomentosa**

**Plant part:** cortex

*Uncaria tomentosa* (*Rubiaceae*), commonly known as cat's claw, is widely used in Peruvian and Brazilian traditional medicine as an anti-inflammatory, antinociceptive, and to prevent diseases.



### **Emblica officinalis**

**Plant part:** fruit

*Emblica officinalis* (*Phyllanthaceae*) also known as Indian Gooseberry or Amla, is a plant native to the Indian Subcontinent. It has various beneficial properties such as cytoprotective, anti-inflammatory, gastroprotective and antioxidant.

## In vitro performance test - skin wellness

### **Botanical Defense Against Photoaging**

A science-driven blend designed to support skin health at the molecular level. Tested in UV-exposed human keratinocytes (HaCaT), the combination helps modulate key biomarkers of photoaging, including MMP-1 and PGE2, involved in collagen degradation and UV-induced inflammation. A targeted botanical solution for advanced anti-aging and beauty-from-within formulations, acting on the biological drivers of skin aging.

### **Key Benefits**

- ✓ Helps counteract molecular mechanisms involved in photoaging
- ✓ Supports the preservation of skin extracellular matrix integrity
- ✓ Contributes to the control of UV-induced skin inflammation
- ✓ Science-based anti-aging support for skin health formulation

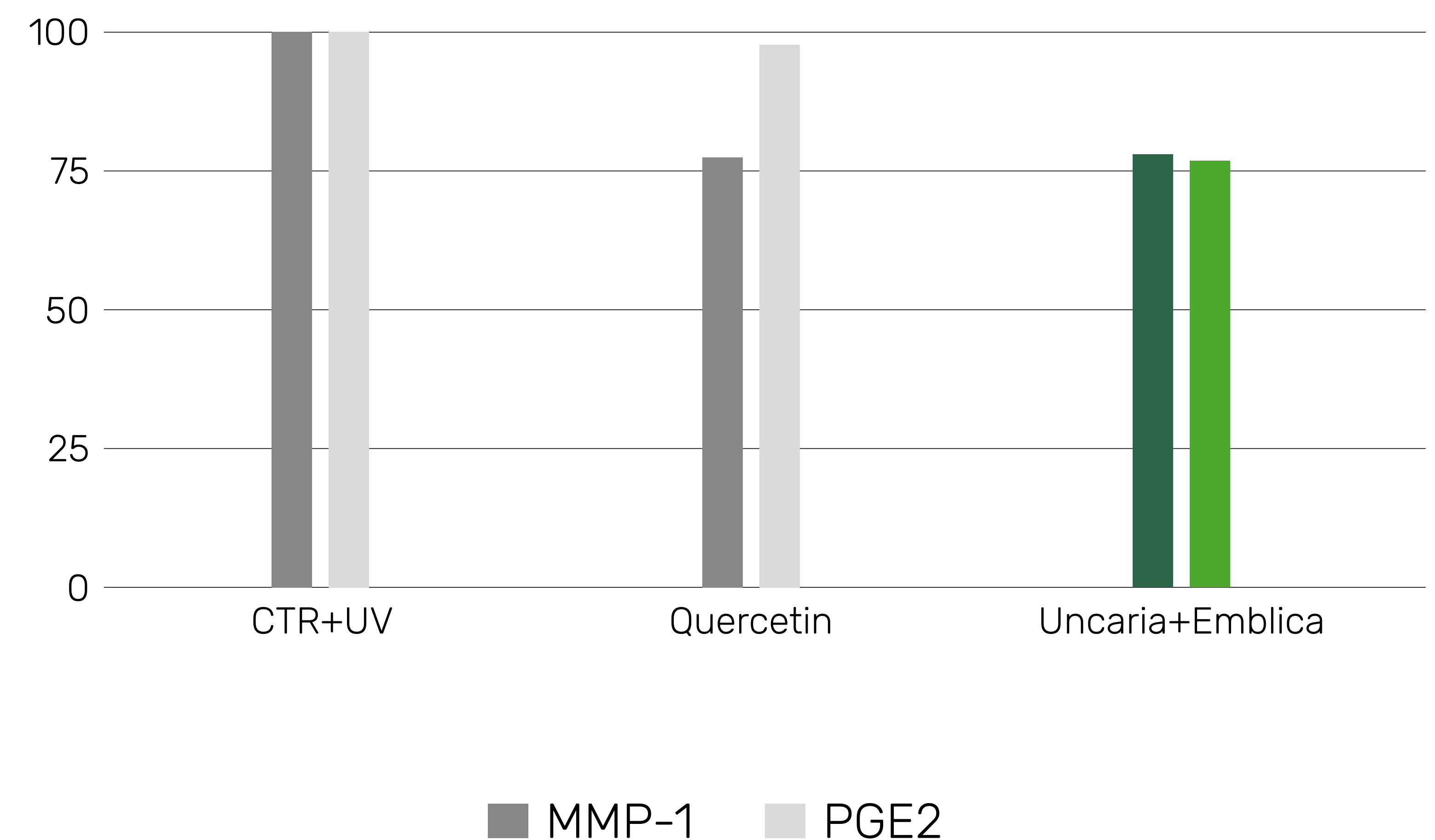
### **Ideal Applications**

- Skin health and beauty-from-within supplements
- Anti-aging nutraceutical formulations
- Scientific skin-care concepts with a preventive, molecular approach

Recommended daily dosage: 375-500 mg



### **Protein levels %**





## ForUEver Young

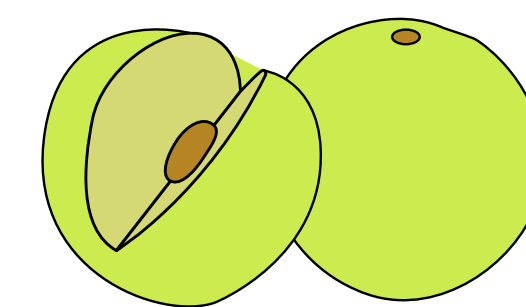
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## In vitro performance test - gut health

### **Botanical Defense Against Photoaging**

ForUEver Young is a synergistic botanical complex developed to support physiological inflammation control and cellular protection, with specific relevance to intestinal epithelial health.

Double-level activity:

- Preventive priming – prepares cells for inflammatory challenges
- Inflammation modulation – reduces key pro-inflammatory cytokines

### **Key Benefits**

- ✓ Up to +30% increase in cell viability as prevention of inflammatory stress
- ✓ Up to +35% increase in cell viability as support during inflammatory conditions
- ✓ Superior performance vs. dexamethasone (reference anti-inflammatory drug)
- ✓ Significant down-regulation of pro-inflammatory cytokines IL-6 and IL-8

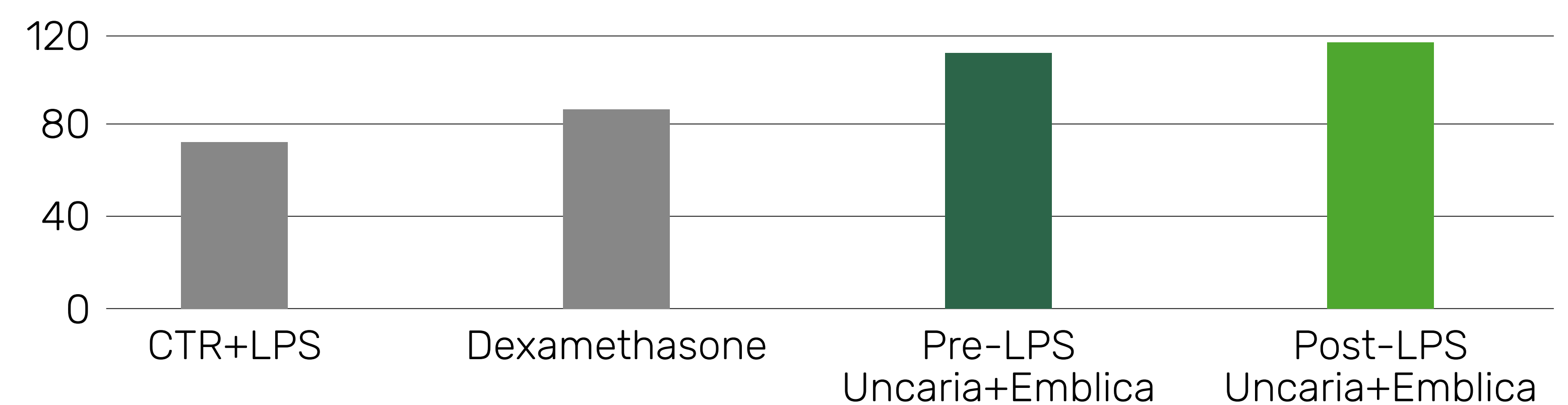
### **Ideal Applications**

- Promotes cellular resilience and vitality
- Supports balanced inflammatory response
- Suitable for long-term use, as a prevention or during inflammatory stress

Recommended daily dosage: 450-600 mg



### **Viability %**



### **Interleukin levels %**

