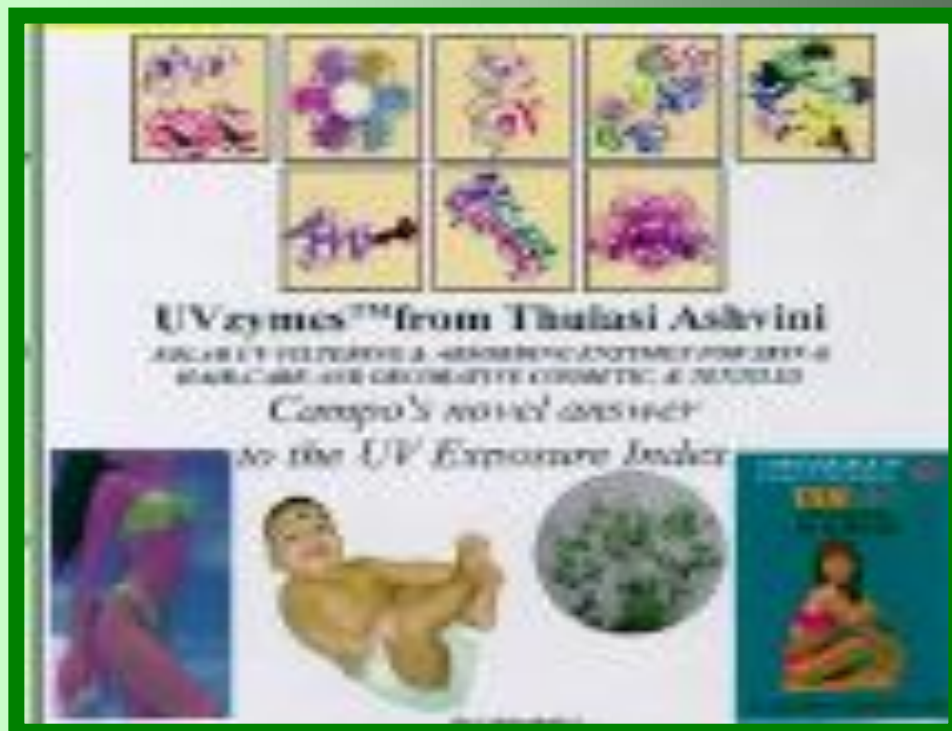


# CAMPO UV-ZYMES™



## ***CAMPO MUTHU THULASI T4 ENDONUCLEASE V EXTRACT***



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CAMPO® Multi-Purpose Cosmetic Base Chemicals & Active Ingredients

CAMPO® Novel Functional Active Cosmetic Ingredient & Raw Materials

# CAMPO UV-ZYMES™

## ***Product Technical Data Sheet***

Ingredient: CAMPO UV-ZYMES™

Other Trade Names: CAMPO MUTHU THULASI T4 ENDONUCLEASE EXTRACT

INGREDIENT #: 95-10-12 T4N5 PLANT

## **Description:**

A complex solution of T4 ENDONUCLEASE V ENZYME and other similar T4 ENDONUCLEASE V ENZYMES isolates from transgenic cloned Thulasi Ashvini root cells and purified water USP; that speed up and augment the body's repair of skin DNA and excise (removal as dry peeling skin fragments) dead cell or cause apoptosis (normal programmed cell death to excise) and remove old and environmental factors cause damaged cells (as controlled skin peeling).

The T4 Endonuclease V Enzymes are collectively labelled as Phyto-T4N5 (UVzymes™) as its source of origin is expressed from the herb Thulasi Ashvini ( Ocimum sanctum Linn ) root cells instead of E. coli - a common biological host of expression in many basic studies and biological synthetics.

**CAMPO UV-ZYMES™ (CAMPO MUTHU THULASI T4 ENDONUCLEASE V EXTRACT)**

This is a novel new biotechnology substitute for alpha-hydroxy acids, for use as a facial skin rejuvenation peeling agent and a potent UV absorbing and filtering agent.

| <b>PARAMETER</b>   | <b>TYPICAL VALUE</b>                | <b>METHODS</b>   |
|--------------------|-------------------------------------|--|
| Specific Density   | 1.020 - 1.180                       | USP XXIX / Paar, DMA35                                 |
| Dry Residue        | 10% - 65% w/v                       | Mettler LJ 16  |
| Phyto-T4N5 content | 20 - 25% Enzymes                    | Method 95  |
| Extraction Solvent | Water Purified                      | USP  |
| Extraction Gases   | Nitrogen, Carbon Dioxide            |  |
| Colour             | Light reddish brown to cloudy white |  |
| Odour              | Faint Characteristic                |  |
| Appearance         | Liquid                              |  |
| Solubility         | Soluble in water                    |  |
| pH                 | 1.5 - 5.5 4.71                      | USP XXIX / DGF H III (92)                              |
| Pesticides         | Nil                                 | Pflanzaniaschuttal 1989                                |
| Microbiology GERMS | <100 cfu/mg                         | Membrane Filtration<br>USP XXIX /<br>Ph.Eur2.6.12 (97) |
| Yeast/Mold         | <100 cfu/mg                         | USP XXIX /<br>Ph.Eur2.6.12 (97)                        |
| Preservative       | Nil                                 | Magnetised in-vacuum<br>HuddleTech.                    |

**Recommended USE and Application LEVEL:**

Facial Peeling, Facial New Skin Rejuvenation, Peeling Mask functional products: 1.5-2.0%  
UV absorbing and filtering / sunscreens: 0.5 - 1.0%

**Comments:** SHAKE WELL BEFORE USE

Gel may form on long-term storage but will dissolve with shaking the container.

MATERIAL SAFETY & CONSUMER SAFETY ANALYTICAL LABS., CAMPO R&D

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Campro Novel Active Cosmetic Ingredients. The Ingredients That Import Consumer Precievable Functional Activities To Your Cosmetic End Products !!!