

# AGINON™

- Purpose for De-aging care -

Applicable product of AGINON™

Skin care : Toner, Lotion, Cream, Mask pack, etc.



## What is AGINON™?

De-aging is focusing 'turn back to youth skin' and 'make cell health and act like its youth condition'. For maintain young aged condition, restore and to be youth skin, RADIANT R&D Center developed new de-aging agent, AGINON™.

### About

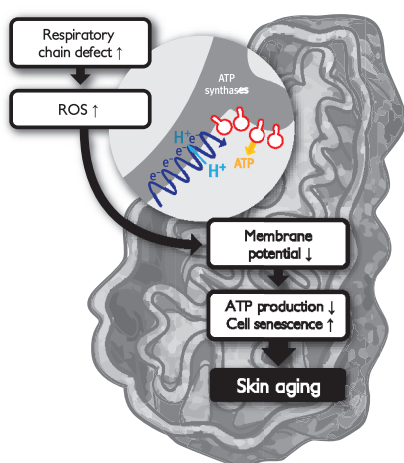
“White Snow Tea”



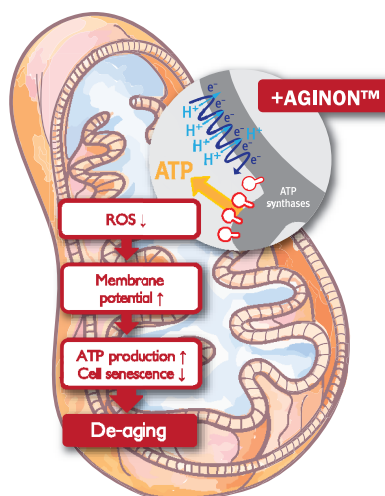
Common name	White snow tea
INCI Name	<i>Thamnia Vermicularis</i> Leaf Extract
China Compliant	地茶(THAMNOLIA VERMICULARIS) 叶提取物
Main ingredient	Flavonoid, Polyphenol, Verimicuarim

- White Snow tea grows in highland of Mt.Himalayas, over 4000m in an extreme weather condition.
- Tibetans enjoyed it to recuperation and prevent illness and has been considered very rare&preciously so that given to king to show royalty.

### Mechanism



[ Aged skin ]



[ Youth skin by AGINON™ ]

De-Aging : Go back to youth with AGINON™

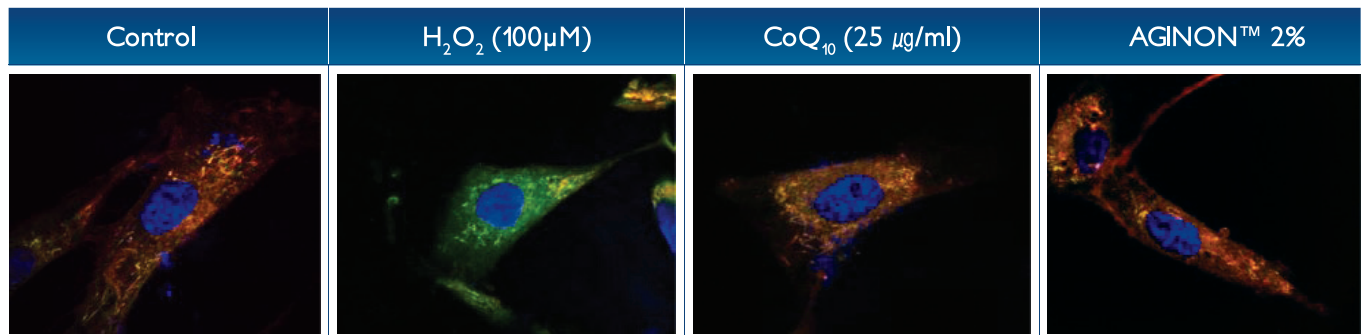
### SPECIFICATION

INCI Name	Water / Butylene Glycol / Thamnia Vermicularis Leaf Extract
Appearance	Light Yellow Liquid
Preservative	Non added
Shelf life	2 years
Recommend dosage	2%

# Main Biological Effects for Cosmetics

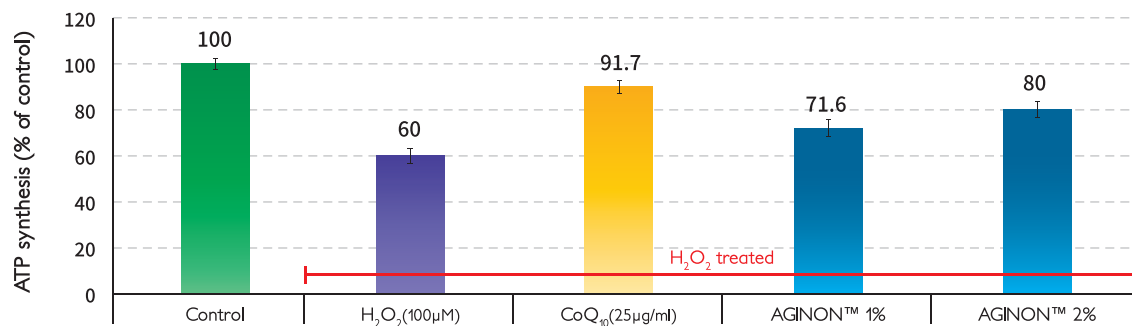
## ● Mitochondria activity

- High energy production : Red fluorescence
- Low energy production : Green fluorescence



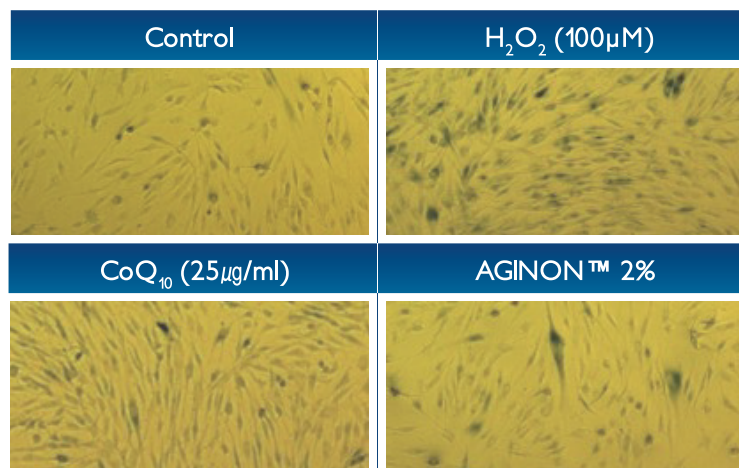
When treated AGINON™ 2%, it improves energy production of mitochondria with red fluorescence against damaged by H<sub>2</sub>O<sub>2</sub>

## ● Improving ATP synthesis



- AGINON™ showed ATP synthesis against decrease by H<sub>2</sub>O<sub>2</sub> damage, similar effect with CoQ<sub>10</sub>, a positive control.

## ● Anti-cell aging effect



### [ β-galactosidase staining assay ]

- β-galactosidase is known to most widely used biomarker for senescent and aging cells.
- The more cell aged, the more β-galactosidase overexpression increased.
- When treated AGINON™ 2%, it showed reduced β-galactosidase staining against H<sub>2</sub>O<sub>2</sub> damage.