

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™.

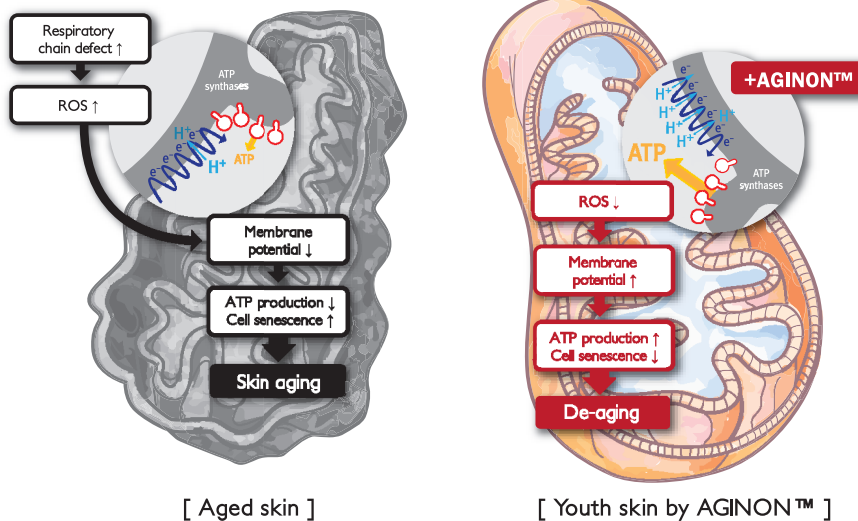
About "White Snow Tea"



Common name	White snow tea
INCI Name	Thamnia Vermicularis 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



De-Aging : Go back to youth with AGINON™

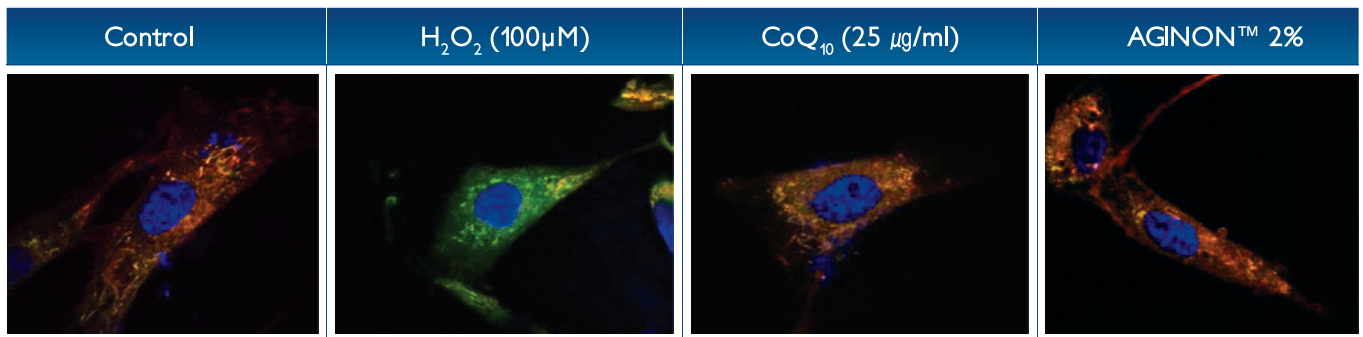
SPECIFICATION

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

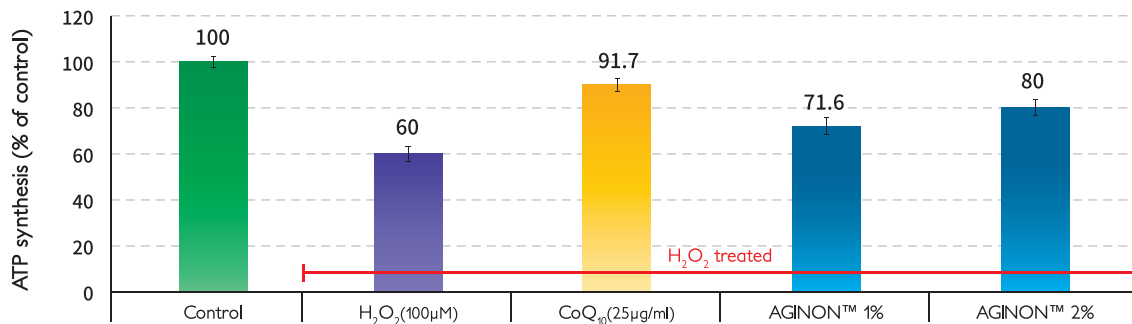
● Mitochondria activity

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



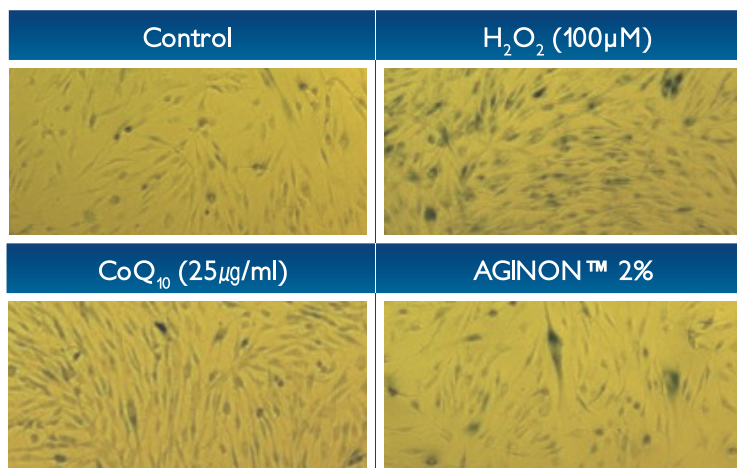
When treated AGINON™ 2%, it improves energy production of mitochondria with red fluorescence against damaged by H₂O₂

● Improving ATP synthesis



- AGINON™ showed ATP synthesis against decrease by H₂O₂ damage, similar effect with CoQ₁₀, 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 H₂O₂ damage.