

## Re: NutriGreen “Anti-aging” Formula 《綠養坊抗衰老養顏專方》

NutriGreen “Anti-aging” Formula is manufactured under an exclusive license of a herbal formula by the Chinese University of Hong Kong. An herbal formula containing Fructus Schisandrae Chinensis, Ganoderma, Fructus Ligustri Lucidi, Rhizoma Dioscoreae, and Tremella fuciformis berk. and it was studied for anti-oxidation effects. **It was shown to be able to inhibit *in vitro* formulation of free-radicals, enhances the anti-oxidation and anti-aging capacity, hence, improving health status and skin texture.**

《綠養坊抗衰老養顏專方》由「香港中文大學」獨家授權製造，含有五味子、靈芝、女貞子、山藥及銀耳成份，經本學院實驗證明《綠養坊抗衰老養顏專方》可在細胞實驗中 **抑制自由基的產生，具抗氧化及抗衰老之效**，對改善身體機能及皮膚質素有莫大幫助。

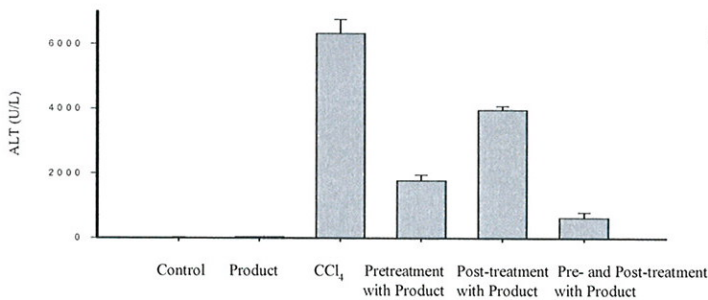


Figure 1. Effect of NutriGreen “Anti-aging” Formula on Plasma Alanine Aminotransferase (ALT) Activity

圖 1: 《綠養坊抗衰老養顏專方》對血液中丙氨酸轉氨酶(ALT)活性的作用

### A. 改善身體機能 Enhancing Health Status

NutriGreen “Anti-aging” Formula has a protective effect against the oxidizing effect of carbon tetrachloride, avoiding the damage of liver cell by carbon tetrachloride, hence, enhancing the function of detoxification and maintain the health status.

《綠養坊抗衰老養顏專方》對四氯化碳引起的氧化毒性具有保護作用，避免了四氯化碳對肝臟細胞的侵害，從而強化肝臟排毒功能，保持身體健康。

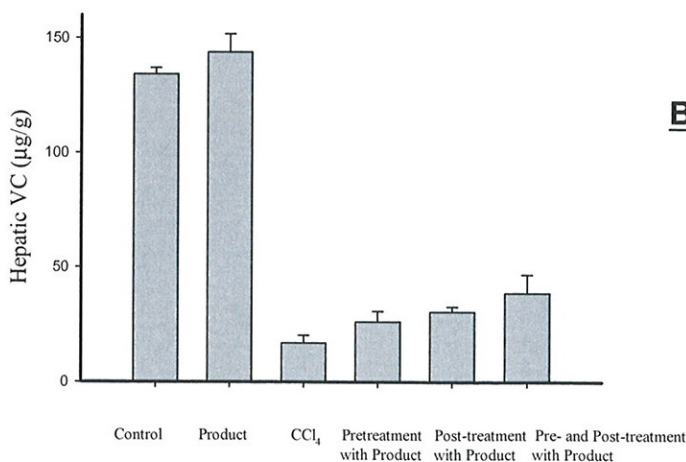


Figure 2. Effect of NutriGreen “Anti-aging” Formula on Hepatic Ascorbic Acid (VC) Contents

圖 2: 《綠養坊抗衰老養顏專方》對因四氯化碳中毒而產生的肝臟維生素C(VC)含量的作用

### B. 改善組織損壞 Improving Tissue Damage

NutriGreen “Anti-aging” Formula can partially restore the ascorbic acid contents, thus improving the capacity of anti-oxidation, collagen production and tissue repair.

《綠養坊抗衰老養顏專方》有助維生素C含量回升，維持細胞的抗氧化，製造骨膠原及修補損壞組織。

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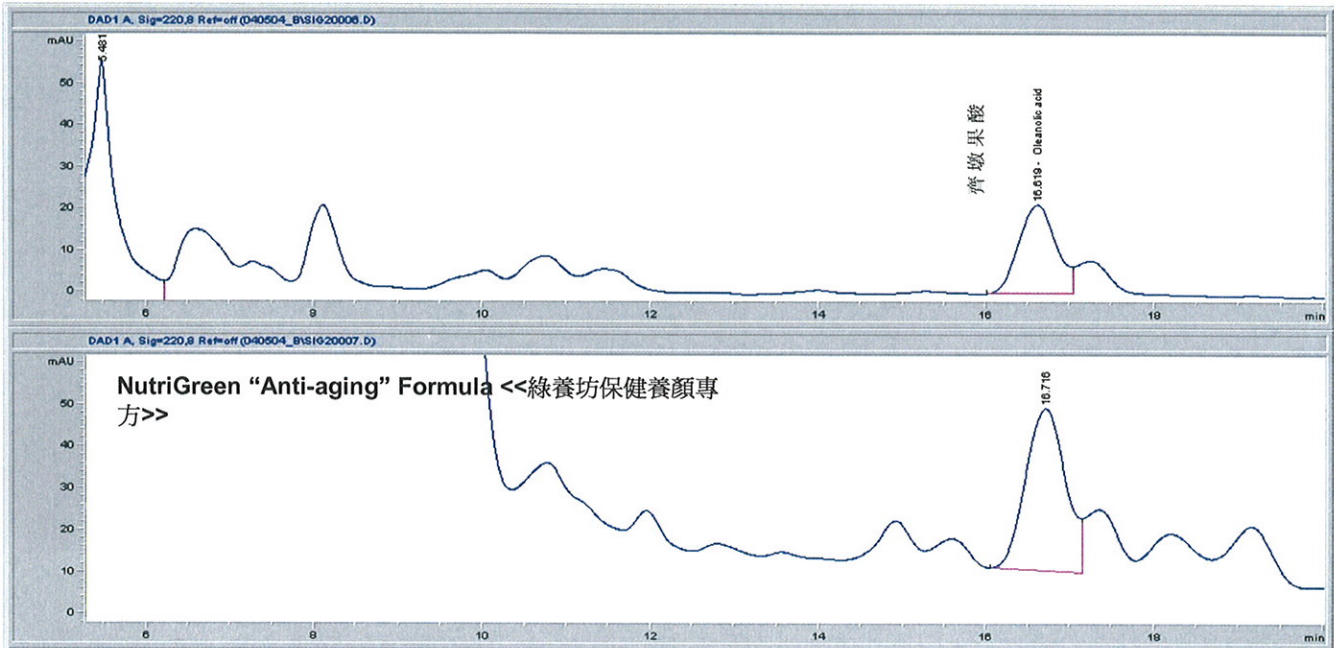


Figure 3. High Performance Liquid Chromatography (HPLC) Fingerprint Analysis of Fructus Ligustri Lucidi and NutriGreen “Anti-aging” Formula.

圖 3: 女貞子原材料及《綠養坊抗衰老養顏專方》的 HPLC (高效液相色譜檢定法)指紋圖譜分析

The HPLC fingerprint analysis has shown that NutriGreen “Anti-aging” Formula contains **Oleanolic Acid**, which can help enhance the body’s immunity<sup>1</sup>. Furthermore, it also contains **Ursolic Acid** that can help restore the skin’s collagen bundle and maintain its elasticity hence prevent and improve the appearance of wrinkles and age spots<sup>2</sup>. Other active ingredients in the formula includes: Lingzhi Polysaccharides, Flavonoids and Amino Acids, which have the functions of anti-oxidation, anti-aging and repairing damaged tissues.

《綠養坊抗衰老養顏專方》的 HPLC(高效液相色譜檢定法)指紋圖譜分析圖顯示其有效成份—齊墩果酸，研究證實其有促進身體免疫力作用<sup>1</sup>。此外，內含的熊果酸更能幫助保持皮膚膠原彈性從而預防皺紋及斑紋產生<sup>2</sup>。其他活躍成份亦包括有靈芝多醣、黃酮及多種氨基酸，具抗氧化，抗衰老，修補損壞組織之效。

Reference

1. 孫燕、袁瑞榮、吳通居等。齊墩果酸的促免疫作用。中國臨床藥理學雜誌，1988, 4(1):26-31
2. The IFSCC in Cannes. (1998) Manufacturing Chemist 61-62.