

Re: The Pharmacological Effects of NutriGreen “Liver Care” Formula

《綠養坊草本精研養肝專方》科研報告

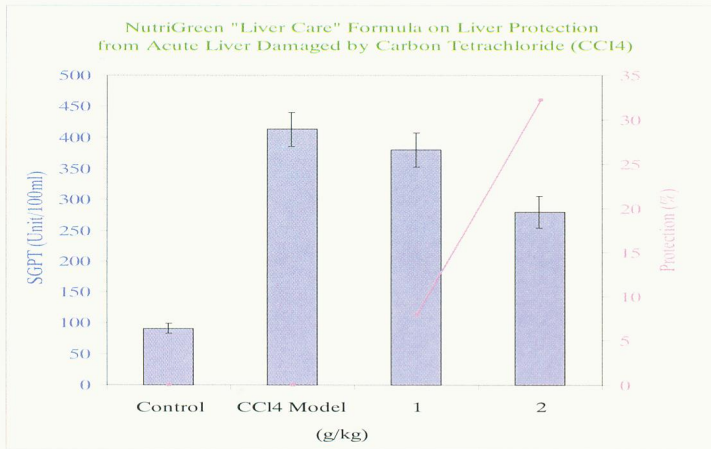


Figure 1. NutriGreen “Liver Care” Formula protects the liver from severe damage.  
圖1: 《綠養坊草本精研養肝專方》能保護肝臟受四氯化碳的傷害

NutriGreen “Liver Care” Formula can protect the liver from severe damage caused by **Carbon Tetrachloride**.

《綠養坊草本精研養肝專方》能保護肝臟細胞受四氯化碳的傷害。

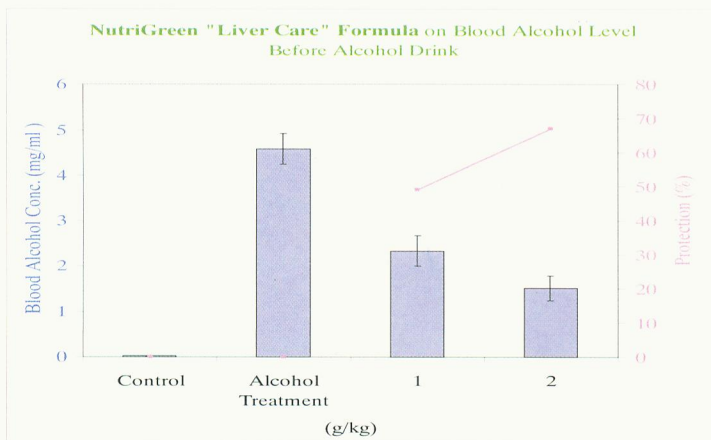


Figure 2. NutriGreen “Liver Care” Formula enhances alcohol detoxification in the body.  
圖2: 《綠養坊草本精研養肝專方》有提高肝臟解酒的作用

NutriGreen “Liver Care” Formula can lower the blood alcohol level if taken before alcoholic drinks, hence **enhances alcohol detoxification** from the blood by the liver.

《綠養坊草本精研養肝專方》服用後飲酒，能降低血中乙醇濃度，表示《綠養坊草本精研養肝專方》有提高肝臟解酒作用。

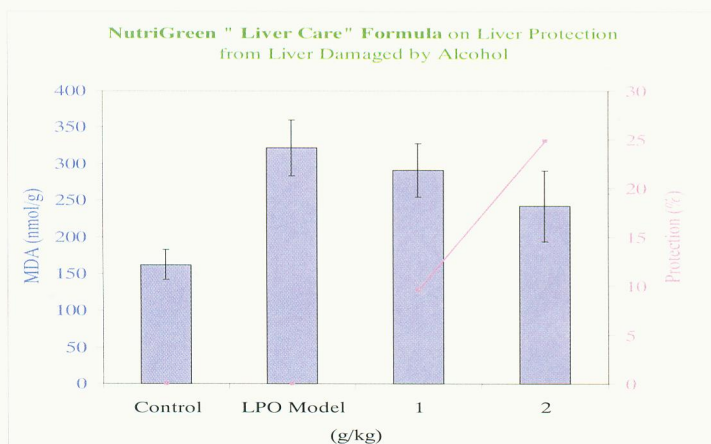


Figure 3. NutriGreen “Liver Care” Formula reduces incidences of liver damage.  
圖3: 《綠養坊草本精研養肝專方》能保護肝臟免受酒精的傷害

NutriGreen “Liver Care” Formula can **lower the quantity of Malondialdehyde (MDA)**, and can **aid the decomposition of Lipid Peroxidase Oxidation (LPO)**, hence reduces incidences of liver damage caused by alcohol.

《綠養坊草本精研養肝專方》降低由乙醇引起肝損傷後的過氧化脂質(LPO)分解物丙二醛(MDA)的生成量，表示《綠養坊草本精研養肝專方》能保護肝臟免受酒精的傷害。

Figure 1-3: Research was carried out at the Hong Kong Institute of Biotechnology, led by Professor WKK Ho.

圖1-3: 由何國強教授帶領之香港生物科技研究院的研究結果

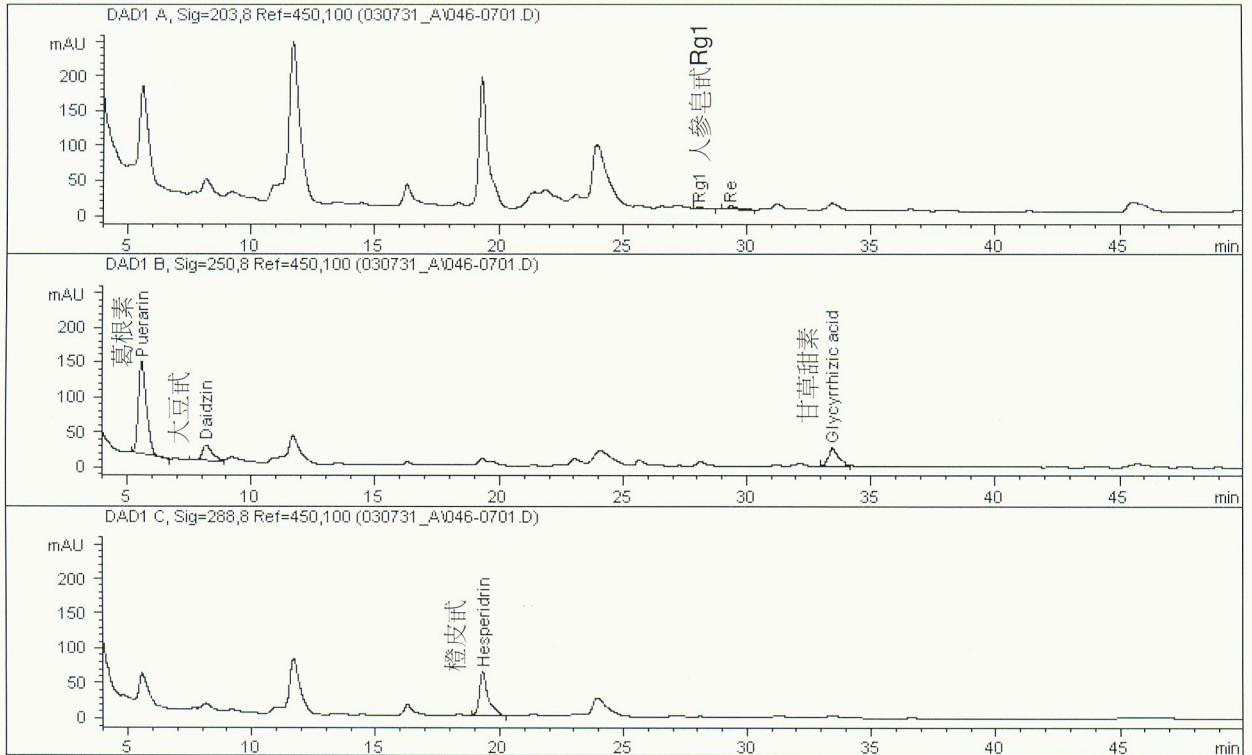


Figure 4. High Performance Liquid Chromatography (HPLC) Fingerprint Analysis of **NutriGreen “Liver Care” Formula**.

圖 4: 《綠養坊草本精研養肝專方》 HPLC (高效液相色譜檢定法)指紋圖譜分析

The HPLC fingerprint analysis shows that NutriGreen “Liver Care” Formula contains Puerarin, Daidzin, Daidzein, Glycyrrhizin, Liquiritin, Ginsenosides, Polysaccharide, Hesperidine, Zizyphus Saponin, Amino Acids, Vitamins and Organic Acids.

NutriGreen “Liver Care” Formula is researched and developed at the Hong Kong Institute of Biotechnology. This formula is **exclusive to NutriGreen and has been patented. (No. ZL94 1 03394 5)**

《綠養坊草本精研養肝專方》 HPLC(高效液相色譜檢定法)指紋圖譜分析圖顯示《綠養坊草本精研養肝專方》葛根素、大豆甙、大豆黃酮、甘草甜素、甘草黃酮、人參皂甙、多糖、橙皮甙、皂甙、多種氨基酸、維生素及有機酸。

《綠養坊草本精研養肝專方》由「香港生物科技研究院」與《綠養坊》合作研發，並獲註冊專利(No. ZL94 1 03394 5)。

#### References 參考資料

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- Oh, Ki-Wan. (2003) Protection by ginseng total saponin of rat hepatocytotoxicity induced by toxic chemicals. *Journal of Ginseng Research*, 27(2), 52-55.
- Lee, Chung Kyu; Choi, Jong-Won; Kim, Seok-Hwan; Kim, Hyekyung; Han, Yong Nam. (1998) Biological activity of acidic polysaccharide of Korean red ginseng I-effects on alcohol detoxification system in the liver of alcohol-intoxicated rats. *Journal of Ginseng Research*, 22(4), 260-266.