

GREEN SCIENCE INTERNATIONAL LTD
28/F, CAROLINE CENTRE,
28 YUN PING ROAD,
CAUSEWAY BAY, HONG KONG

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Job No. 工作編號 : 1437198

Report on the submitted sample identified by the client as NutriGreen "Liver Care" Formula.
對據稱 "NutriGreen "Liver Care" Formula" 之樣品之分析報告

Product Description 樣品名稱 : NutriGreen "Liver Care" Formula
Quantity Received 收到樣品數量 : 4 bottles x ~60g/bottle
Lot No. / Batch No. 批號 : LCC03002
SGS Sample No. 樣品編號 : 1437198-101
Sample Receiving Condition : In unopened plastic bottle under ambient condition
樣品收到時狀態 : 室溫下存放於 沒有開的塑料瓶中
Sample Receiving Date 樣品收到日期 : 31 October 2003 2003年10月31日
Testing Period 化驗日期 : 31 October - 14 November 2003 2003年10月31日 至11月14日

Test Requested, Test Method and Test Results 測試項目、分析方法及分析結果
Please refer to the following pages. 請參考續頁。

Comment 評注

1. The tested heavy metals and toxic elements, microbial level and pesticides residue of the submitted sample said to be **NutriGreen "Liver Care" Formula** comply with the Hong Kong Department of Health proposed heavy metals, microbial limit and pesticides residue for Proprietary Chinese Medicine.
2. The tested heavy metals and toxic elements of the submitted sample said to be **NutriGreen "Liver Care" Formula** comply with the Macau heavy metals requirement for Chinese Proprietary Medicine (Oral).
1. 供試樣品 "NutriGreen "Liver Care" Formula" 之經測試之重金屬及有毒元素、微生物檢查項目及殘餘殺蟲劑符合香港衛生署對中成藥之重金屬、細菌限度及殘餘殺蟲劑建議要求。
2. 供試樣品 "NutriGreen "Liver Care" Formula" 之經測試之重金屬及有毒元素符合澳門對中成藥之重金屬最高準許濃度(口服)要求。

Signed for and on behalf of
SGS Hong Kong Ltd.
香港通用公証行代表簽名


TAMMY CHENG
DEPUTY TECHNICAL DIRECTOR - HEALTHCARE AND PHARMACEUTICAL SERVICES
鄭愛明 / 保健及藥劑品組副技術總監

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Test Requested 測試項目

1. To perform Arsenic, Lead, Mercury and Cadmium analyses on the submitted sample.
樣品中砷、鉛、汞及鎘之含量測定。
2. To perform Total Aerobic Count, Mould Count, Yeast Count, and Escherichia coli analyses on the submitted sample.
樣品中總細菌數，霉菌計數，酵母菌計數及大腸桿菌之分析。
3. To perform Pesticides Residue - Aldrin & Dieldrin, Chlordane (sum of cis-, trans- & oxychlordane), DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE & p,p'-TDE), Endrin, Heptachlor (Heptachlor & Heptachlorepoxyde), Hexachlorobenzene, Hexachlorocyclohexane isomers (other than gamma), Lindane and Quintozene (sum of quinotzene, pentachloroaniline and methyl pentachlorophenyl sulphide) analyses on the submitted sample.
樣品中殘餘殺蟲劑 - 艾氏劑及狄氏劑、氯丹(順式-, 反式及氧化氯丹)、滴滴涕及衍生物(4,4'-滴滴涕, 2,4-滴滴涕, 4,4'-滴滴伊及4,4'-滴滴滴)、異狄氏劑、七氯(七氯及環氧七氯)、六氯苯、六六六異構體(丙型除外)、林丹、五氯硝基苯(五氯硝基苯, 五氯苯胺及甲基五氯硫基苯)之分析。

Test Method 分析方法

1. Heavy Metal and Toxic Elements 重金屬及有毒元素
The analyses were performed by the digestion of sample in acid mixture following with Inductively Coupled Argon Plasma Spectrometry measurement.
將樣品以酸分解再以電感耦合等離子體原子發射光譜法作檢定。
2. Microbial examination 微生物檢查
The analyses were performed with reference to The Chinese Pharmacopoeia, 2000, Volume I Appendix XIII C.
測試乃參考中華人民共和國藥典, 2000年版, 第一冊, 附錄 XIII C。
3. Pesticides Residue 殘餘殺蟲劑
The analyses were performed by solvent extraction of sample following with Gas Chromatography-Mass Spectrometry measurement.
將樣品經溶劑萃取後再以氣相色譜-質譜儀法作檢定。

Test Results 分析結果

Parameter 測試項目	NutriGreen "Liver Care" Formula SGS Sample No. 樣品編號 1437198-101	
(1) Heavy Metal and Toxic Elements 重金屬及有毒元素		
Arsenic (As) 砷	0.3 mg/kg (ppm) 毫克/千克(百萬分率)	0.2 µg/day 微克/日*
Lead (Pb) 鉛	0.1 mg/kg (ppm) 毫克/千克(百萬分率)	0.07 µg/day 微克/日*
Mercury (Hg) 汞	< 0.04 mg/kg (ppm) 毫克/千克(百萬分率)	< 0.02 µg/day 微克/日*
Cadmium (Cd) 鎘	0.04 mg/kg (ppm) 毫克/千克(百萬分率)	0.02 µg/dose 微克/劑*
(2) Microbiological examination 微生物檢查		
Total Aerobic Count 總細菌數	<10 /g	<10 / 克
Total Combined Moulds & Yeast Count 霉菌及酵母菌計數@		
- Mould Count 霉菌計數	<10 /g	<10 / 克
- Yeast Count 酵母菌計數	<10/g	<10 / 克
Escherichia coli 大腸桿菌	Absent/ 10 g	未檢出 / 10克
(3) Pesticides Residue 殘餘殺蟲劑		
Aldrin & Dieldrin 艾氏劑及狄氏劑	< 0.02 mg/kg (ppm) 毫克/千克(百萬分率)	
Chlordane (sum of cis-, trans- & oxychlordane) 氯丹(順式-, 反式及氧化氯丹)	< 0.03 mg/kg (ppm) 毫克/千克(百萬分率)	
DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE & p,p'-TDE) 滴滴涕及衍生物(4,4'-滴滴涕, 2,4-滴滴涕, 4,4'-滴滴伊及4,4'-滴滴滴)	< 0.10 mg/kg (ppm) 毫克/千克(百萬分率)	
Endrin 異狄氏劑	< 0.01 mg/kg (ppm) 毫克/千克(百萬分率)	
Heptachlor (Heptachlor & Heptachlorepoxide) 七氯(七氯及環氧七氯)	< 0.02 mg/kg (ppm) 毫克/千克(百萬分率)	
Hexachlorobenzene 六氯苯	< 0.02 mg/kg (ppm) 毫克/千克(百萬分率)	
Hexachlorocyclohexane isomers (other than gamma) 六六六異構體(丙型除外)	< 0.21 mg/kg (ppm) 毫克/千克(百萬分率)	
Lindane 林丹	< 0.06 mg/kg (ppm) 毫克/千克(百萬分率)	
Quintozene (sum of quinotzene, pentachloroaniline and methyl pentachlorophenyl sulphide) 五氯硝基苯(五氯硝基苯,五氯苯胺及甲基五氯硫基苯)	< 0.05 mg/kg (ppm) 毫克/千克(百萬分率)	

* The data was calculated based on the maximum dosage given by the client: 300 mg/capsule, 2 capsule/dose, 1 dose/day 數據結果是根據客戶提供之最高服用量: 每日1次, 每次2粒, 每粒淨重300毫克計算。

Note 備注 :

1. For Heavy metals and toxic elements, pesticides residue analyses, results reported on the powder inside the submitted capsules sample on an as received basis. 重金屬及有毒元素和殘餘殺蟲劑分析結果乃根據所呈交之樣品膠囊內之粉末於收到時之狀態計算及進行。
2. For Microbiological tests, results reported on the submitted sample on an as received basis. 微生物檢查分析結果乃根據所呈交之樣品於收到時之狀態計算及進行。
3. < = less than 少於
4. Hong Kong Department of Health - Proposed Heavy Metals Requirement for Proprietary Chinese Medicine (Revised version)

香港衛生署對中成藥之金屬最高准許濃度建議要求 (修訂本)

Macau - Heavy Metals Requirement for Chinese Proprietary Medicines (Oral)

澳門對中成藥之金屬最高准許濃度要求 (口服)

Parameter 測試項目

Upper Limit 上限

Arsenic As 砷	1500.00 µg/day 微克 / 日
Lead Pb 鉛	179.00 µg/day 微克 / 日
Mercury Hg 汞	36.00 µg/day 微克 / 日
Cadmium Cd 鎘	3500.00 µg/dose 微克 / 劑

5. Hong Kong Department of Health proposed microbial limit for Proprietary Chinese Medicine (Revised version)

香港衛生署對中成藥之細菌限度建議要求 (修訂本)

Parameter 測試項目

Upper Limit 上限

For Oral use - contain raw material powder (capsules form) 口服用 - 含原藥材粉(膠囊劑)

Total Aerobic Microbial Count 菌落總數	10000 / g	10000 / 克
Total Combined Moulds & Yeast Count 霉菌及酵母菌計數@	100 / g	100 / 克
Escherichia coli 大腸桿菌	Absent in 1 g	未檢出 / 克

Other 其他:

@ - Total Combined Mould & Yeast Count: Dose in solid form test mould count; dose in liquid form containing sugar, royal jelly, honey or in semi-solid form test yeast and mould count.

霉菌及酵母菌計數: 固體制劑檢查霉菌; 含糖、王漿、蜂蜜的液體或半固體制劑檢查霉菌和酵母菌。

6. Hong Kong Department of Health - Proposed Pesticides Residue Requirement for Proprietary Chinese Medicines (Revised version)

香港衛生署對中成藥之殘餘農藥之建議最高准許濃度要求 (修訂本)

Parameter 測試項目

Upper Limit 上限

Aldrin & Dieldrin 艾氏劑及狄氏劑	0.05 ppm 百萬分率
Chlordane (sum of cis-, trans- & oxychlordane) 氯丹(順式-, 反式及氧化氯丹)	0.05 ppm 百萬分率
DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE & p,p'-TDE) 滴滴涕及衍生物(4,4'-滴滴涕, 2,4-滴滴涕, 4,4'-滴滴伊及4,4'-滴滴滴)	1.0 ppm 百萬分率
Endrin 異狄氏劑	0.05 ppm 百萬分率
Heptachlor (Heptachlor & Heptachlorepoide) 七氯(七氯及環氧七氯)	0.05 ppm 百萬分率
Hexachlorobenzene 六氯苯	0.1 ppm 百萬分率
Hexachlorocyclohexane isomers (other than gamma) 六六六異構體 (丙型除外)	0.3 ppm 百萬分率
Lindane 林丹	0.6 ppm 百萬分率
Quintozene (sum of quinotzene, pentachloroaniline and methyl pentachlorophenyl sulphide) 五氯硝基苯(五氯硝基苯,五氯苯胺及甲基五氯硫基苯)	1.0 ppm 百萬分率

*** End of Report 報告完 ***