



# Evergreen™

## CERTIFICATE OF ANALYSIS

**PRODUCT :** 逍遙散 Xiao Yao San ; Tangkuei & Bupleurum Formula  
**Item No. :** G2777 **Manufacturing date :** 2007/07/20  
**BATCH No. :** FG652701 **EXPIRY DATE :** 2011/07/19  
**DOSAGE FORM :** Granules **Date of analysis :** 2007/08/14

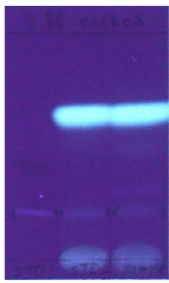
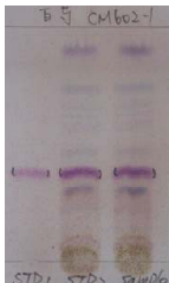


DETERMINATION	SPECIFICATIONS	RESULT	TEST METHOD
Description	Brown Fine Granules	Conform	Q03-GP52
Loss On Drying	≤ 12.00 %	5.64 %	Ph.PRC 2005
Total Ash	≤ 9.00 %	3.36 %	Ph.PRC 2005
Acid-Insoluble Ash	≤ 2.00 %	0.40 %	Ph.PRC 2005
Dil. EtOH Extract	≥ 34.00 %	40.08 %	Ph.PRC 2005
H <sub>2</sub> O Extract	≥ 34.00 %	43.51 %	Ph.PRC 2005
Total Heavy Metal	≤ 50 ppm	Pass	Ph.PRC 2005
Heavy Metal Limit Test			ICP-OES, QL (mg/kg)
Arsenic (As)	≤ 2 mg/kg	<0.16mg/kg	0.16
Cadmium (Cd)	≤ 0.5 mg/kg	0.04mg/kg	0.03
Lead (Pb)	≤ 10 mg/kg	0.90mg/kg	0.16
Mercury (Hg)	≤ 0.1 mg/kg	<0.03mg/kg	0.03
Microbial Limit Test			Ph.Eur 5.
Total Aerobic Microbial Count	≤ 10000 CFU/g	<10CFU/g	Ph.Eur 2.6.12
Total Yeast and Mold	≤ 100 CFU/g	<10CFU/g	Ph.Eur 2.6.12
Enterobacteria & other gram neg. bact.	≤ 100 CFU/g	<10MPN/g	Ph.Eur 2.6.13
E. coli	Absent in 1g	Negative	Ph.Eur 2.6.13
Salmonella	Absent in 10g	Negative	Ph.Eur 2.6.13
Staphylococcus aureus	Absent in 1g	Negative	Ph.PRC 2005
TLC Identification			Q08-FG652
當歸 Angelicae Sinensis Radix		Positive	
白朮 Atractylodis Macrocephalae Rhizoma		Positive	
薄荷 Menthae Herba		Positive	
柴胡 Bupleuri Radix		Positive	
炙甘草 Glycyrrhizae Preparata Radix		Positive	
白芍 Paeoniae Alba Radix		Positive	
煨薑 Zingiberis Sicutum Rhizoma		Positive	


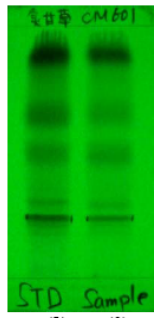


Doc. No.:Q08-FG652-L0 ; Version No.:02

I hereby certify that the above information is authentic and accurate. This batch of product has been manufactured, including packaging and quality control at the above mentioned site in full compliance with the GMP requirements of the local regulatory Authority and with the specifications in the Marketing Authorisation of the importing country. The batch processing, packaging and analysis records were reviewed and found to be in compliance with GMP.

  
 Shu-Tuan Chiang 2007. 11/9  
 Manager of Q.A. Dept.

## FG652-701 逍遥散, TLC Identification of raw materials

<p><u>当归Dang Gui (Radix Angelicae Sinensis)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: Benzene : EtOAc : Formic acid = 4 : 1 : 0.1            Detection: UV366nm            Result: (1) Ferulic acid RS solution                    (2) Dang Gui herb RS Solution                    (3) Sample Solution (Lot. No:CM1306-601-2)</p>	 <p>(1) (2) (3)</p>
<p><u>白芍Bai Shao (Radix Paeoniae Alba)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: CHCl<sub>3</sub>:MeOH:H<sub>2</sub>O=15:7:2 (Lower layer)            Detection: p-Anisaldehyde/H<sub>2</sub>SO<sub>4</sub> T.S Spray,                    then 105°C heat to color clear            Result: (1) Paeoniflorin RS solution                    (2) Bai Shao herb RS Solution                    (3) Sample Solution (Lot. No:CM0502-602-1)</p>	 <p>(1) (2) (3)</p>
<p><u>茯苓Fu Ling (Poria)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: CHCl<sub>3</sub>:Acetone = 19 : 1            Detection: p-Anisaldehyde/H<sub>2</sub>SO<sub>4</sub> T.S Spray,                    then 105°C heat to color clear.            Result: (1) Fu Ling herb RS Solution                    (2) Sample Solution (Lot. No:CM1019-601)</p>	 <p>(1) (2)</p>
<p><u>白朮Bai Zhu (Rhizoma Atractylodis Macrocephalae)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: Petroleum ether(60-90°C) : EtOAc = 50 : 1            Detection: Vanillin/H<sub>2</sub>SO<sub>4</sub> T.S Spray,                    then 105°C heat to color clear            Result: (1) Bai Zhu herb RS Solution                    (2) Sample Solution (Lot. No:CM0501-602)</p>	 <p>(1) (2)</p>

<p><u>柴胡Chai Hu (Radix Bupleuri)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: CHCl<sub>3</sub>:MeOH:H<sub>2</sub>O =30:10:1            Detection: 50% H<sub>2</sub>SO<sub>4</sub> in EtOH TS Spray, then 105°C heat to color clear.            Result: (1) Saikosaponin a RS solution                  (2) Chai Hu herb RS Solution                  (3) Sample Solution (Lot. No:CM1055-601-2)</p>	 <p>(1) (2) (3)</p>
<p><u>炙甘草Zhi Gan Cao (Radix Glycyrrhizae Preparata)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: n-BuOH: HOAc:H<sub>2</sub>O = 7 : 1 : 2            Detection: UV254nm            Result: (1) Zhi Gan Cao herb RS Solution                  (2) Sample Solution(Lot. No:CM0881-601)</p>	 <p>(1) (2)</p>
<p><u>薄荷Bo He (Herba Menthae)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: CHCl<sub>3</sub>: Acetone = 19 : 1            Detection: p-Anisaldehyde/H<sub>2</sub>SO<sub>4</sub> T.S Spray, then 105°C heat to color clear            Result: (1) Menthol RS solution                  (2) Bo He herb RS Solution                  (3) Sample Solution (Lot. No:CM1712-601-3)</p>	 <p>(1) (2) (3)</p>
<p><u>煨薑Wei Jiang (Zingiberis Recens Preparata Rhizoma)</u></p> <p>TLC Plate: Silica Gel 60F254 (Merck)            Mobile phase: CHCl<sub>3</sub>: Acetone = 19 : 1            Detection: p-Anisaldehyde/H<sub>2</sub>SO<sub>4</sub> T.S Spray, then 105°C heat to color clear.            Result: (1) Wei Jiang herb RS Solution                  (2) Sample Solution (Lot. No:CM1345-402)</p>	 <p>(1) (2)</p>