

Introduction of Shuanghuanglian Products

English description: Extract of Honeysuckle, Forsythia & Root of Skullcap

Ingredients: honeysuckle – 25%, forsythia – 50%, root of skullcap – 25%.

Method of extraction: slice root of skullcap, boil them with water three times. First time, two hours, second and third time, one hour each. Put the juice from three times together, filter the juice, reduce the juice to the density of 1.05-1.10 (at 80C), add 2mol/L hydrochloric acid liquid to adjust the pH value to 1.0-2.0 at 80C, keep it warm for a hour, leave the juice still for 24 hours, filter, then, wash with water to adjust the pH value to 5.0, then wash with 70% alcohol to adjust the pH vale to 7.0. Leave the juice in low temperature to dry for later use. Put honeysuckle and forsythia into warm water for half hour, cook them twice, one and half hour each time, filer the juice at each cool, then add the juice from two boils together, reduce the juice to paste at the density of 1.20-1.25 (at 70-80C), cool it to 40C, add alcohol to make the content of alcohol to 75%, stir well, keep it still for 12 hours, separate and take the clear up layer liquid, add more alcohol to the remainder, stir, keep it still for 12 hours, filter, put alcohol liquid together, separate alcohol from the juice, reduced the juice to the paste of density of 1.30-1.32 (at 60-65C), dry it in low pressure. Add the paste of root of skullcap with the paste of honey-suckle and forsythia, dry, and crush them into powder.

Shape: brown color powder, tasted a little bitter. The products can be made into different forms and shapes depending on the methods to be used, such as packed into small bags of powder/grains for drink, tablet, capsule, oral liquid, spray, refined powder for injection and intravenous drip (mixed with water when use). But the ratio of contents of three ingredients in each different form remains the same.

Explanation: The substances of Shuanghuanglian powder dietary supplement products are made of three new ingredients: honeysuckle, forsythia, and root of skullcap. The first Shuanghuanlian dietary supplement product that will be introduced to American market is the Shuanghuanlian – Healthy Respiration, which is in the form of grains/powder (for drink). Tests and studies provided herein are conducted on Shuanghuanlian Oral Liquid for internal use and Shuanghuanglian Refined Power for Injection, which are two of Shuaghuanlian products that have the same ratio of ingredients. In fact, regardless of different shapes, all Shuanghuanglian products have the same ratio of three ingredients. The Acute Toxicity report on Shuanghuanglian Oral Liquid and the study on Shuanghuanglian refined powder for injection are the scientific study reports on the safety and medical function of the ingredients based on the clinical trials on human and lab experiences on animals. Shuanghuanlian products have been on the Chinese market since 1993. There are hundreds of papers published to prove the safety and medical function of the products. Ingredients of these products have been used in China for hundreds of years. The Shuanghuanglian products have been proven to be a safe, effective nonprescription drug ingredient in the Chinese market.