



Alphay Health Food Products – Guaranteed World Class Quality

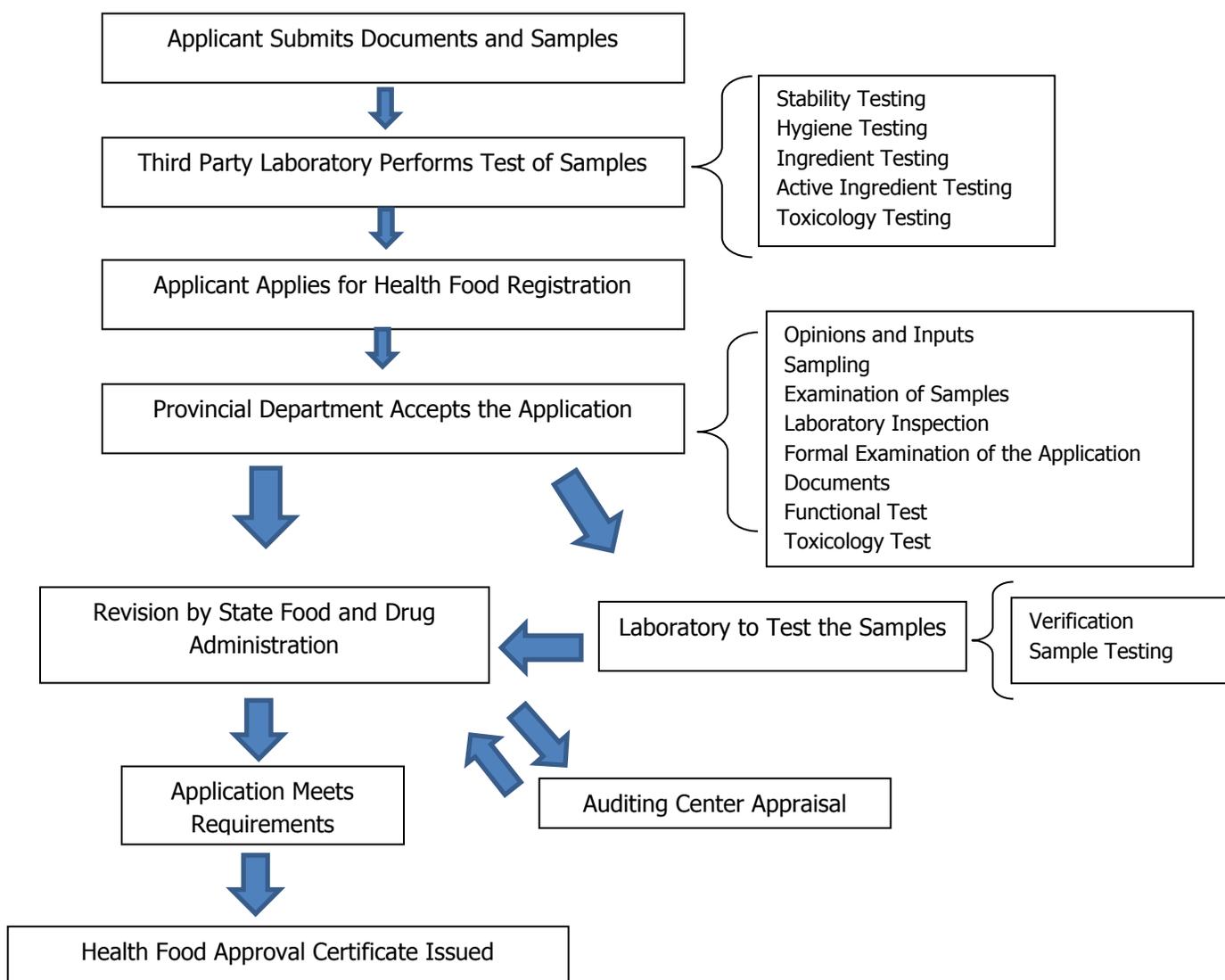
Alphay has a tradition of pursuing excellence, and has become a synonym for “Quality” across the world of wellness and lifestyle technologies. There are numerous regulatory steps that a company such as Alphay must take in order for products to be brought to market. The following information is an overview of part of that process.

1. Safety and Quality Control

Integrity is a core value of Alphay’s corporate culture. Ensuring product safety and superior quality control are priorities for Alphay as part of our commitment to our consumers. Our products are guaranteed safe, with excellent and consistent quality. We also take careful steps to keep them that way. Even before producing our products, we perform above and beyond regulatory guidelines.

Surprising as it may sound, China has a Food and Drug Administration that sets some of the strictest health food safety standards in the world! For instance, the process for just obtaining an application to bring a new product to the market is both time consuming and costly. Typically, it takes at least 4 years to receive certification and at a cost of up to \$300,000.00 US dollars. Alphay’s nutritional products must receive this certification before they enter into market.

Registration Process of Applying for Health Food Certification in China:

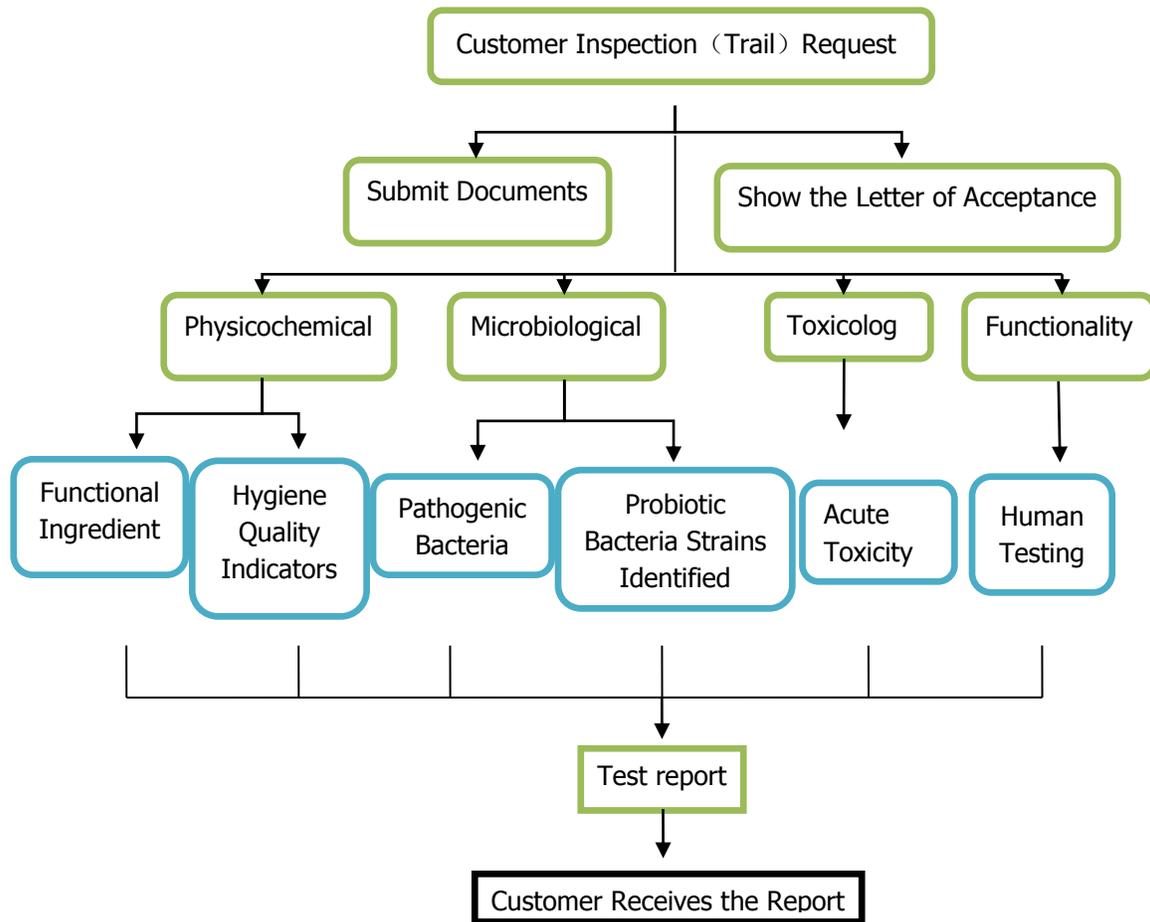




The Initial Testing Process

Prior to applying for a specific health food registration, testing must be done in the following areas: toxicology, functionality, major ingredients, hygiene, stability and human testing in relation to the product. Sampling and verification tests of a health food must be conducted by a third party laboratory.

Inspection Test Procedures:





2. Research and Development

All of Alphay's products are based on both thousands of years old traditional Chinese medicinal wisdom and modern research.

The Alphay Advantage includes:

- Combining pharmaceutical-grade standards of all phases of product development and manufacturing with advancements in food science and other disciplines
- World renowned, and quality controlled sources of raw ingredients
- Advanced, state of the art technology
- International panel of leading mycologists, herbalists and scientists

Traditional Formulations to Meet the Needs of a Modern World

Alphay's nutritional support products are developed and based on traditional formulation processes steeped in the time honored principles of the 5 Elements of health and balance. The result is a special collection of herbal products that nourish the energetic "roots" of who we are as human beings. Living in today's world requires that we have the ability to adapt to a spectrum of environmental and personal stressors, strong immune systems, deeper energy reserves and a support system for addressing issues related to pre-mature aging. Proper combining of ingredients to achieve the desired benefits on all levels is not only a science, it's an art. And, Alphay scientists have brought the ancient tradition of product formulation into the 21st century. In Traditional Chinese Medicine, there are a number of historical and academic sources of literature that serve as the foundation for herbal formulas. Some of those include:

- Shen Nong's Herbal Classic from the Han Dynasty
- Bei Ji Qian Jin Yao Fang by Sun Simiao from the Tang Dynasty
- Herbal Diet Therapy by Meng Shen from the Tang Dynasty
- Tai Ping Sheng Hui Fang by Wang Huaiyin et al. from the Song Dynasty
- Yin Shan Zheng Yao by Hu Sihui from the Yuan Dynasty
- Sui Xi Ju Yin Shi Pu, authored by Wang Shixiong from the Qing Dynasty

3. The Most Advanced Production Technology

All production processes of health food products in China must comply with the National Health Product's GMP and Administrative Provisions on the Filing of Export Food Manufacturers' (former Health Registration) requirements. In addition, Alphay has received patents for the invention of its production process and usage of Lingzhi formulations which support both immunity and sleep quality.

Alphay has engineered new processing technologies which extract a higher percentage of active ingredients from its raw materials. To ensure product efficacy, the average extraction ratio of ingredients is in a range between 15:1 and 25:1. Achieving that high an extraction ratio is a standard recognized in the industry as superior. At Alphay, we continue to set the gold standard for all phases of product development.



4. Exceptional Management System

In order to ensure the quality of health foods, Alphay has established a sound quality management system which guarantees exceptional quality and outstanding service to win the trust of consumers in the market.

R&D Standard

Alphay's R&D department has conducted thorough research with historical documentation to ensure the proper proportion of ingredients and their efficacy for enhancing human health. As the result of this research, principles of combining ingredients, achieving quality standard and the setting up R&D procedures are established for professional verification and certification before each production trial. Human tests are conducted before the application for government agency certification for production.

Management Standard

Quality Assurance is monitored by the Production Management team as well as the Quality Management team. Production personnel must strictly follow GMP standards and production procedures setup by the Production Management team. The Quality Management team monitors and tracks all quality records through raw materials, work-in-progress and finished goods. Inventory not meeting requirements will not be signed off as available inventory.

Raw Material Management

To ensure the quality of raw materials, Alphay has set up production bases in the provinces of Fujian, Jiangsu, Anhui and Jilin. Mushroom species and cultivation materials are selected carefully by Alphay. Before raw materials arrive at the warehouse, the Quality Management team must conduct inspections and tests to ensure that the materials meet all quality requirements stated in the manual.

Production Management

To ensure the quality of production, Alphay has established a certified GMP workshop. Raw materials, liquid solutions, extraction and drying temperature, equipment and separation techniques are a few of the many factors that affect quality. Edible mushrooms contain water soluble, hot water and alcohol composite and some of these composites are affected under the environment of high temperature and in the presence of oxygen. To cope with this, scientific processes were designed and applied to different materials, including extraction using boiling water, extraction using water and alcohol, or processing using enzymes and ultrasound as compared to low heat drying methods utilized commonly in the market. Thus, Alphay products are renowned for stability and efficacy.

Product Quality Inspection and Test

To ensure product quality, Alphay has followed GMP standards to setup the Quality Management Department. All finished goods are kept in the warehouse for 2 years; if problems arise, further inspection and analysis will be conducted to find out the cause. Thus, after multiple levels of monitoring and inspection, striving for better quality at all times, our products are guaranteed to offer the best quality in the field.



Alphay Extraction Workshop



Extraction Workshop Control Room



Alphay's GMP Manufacturing Workshop



Raw Material Base

To ensure product quality, Alphay starts with strict monitoring of raw materials. The first step is to ensure the quality of cultivation base, the purity of mushroom species and non-polluted cultivation process. In order to achieve green organic standards for the raw material production base, Alphay has established its supply base in the pollution free area of Changbai Mountain, Jilin Province. All species are distributed and monitored by the company. A professional team is always on site to provide technical support and to ensure quality standards are met. All cultivation bases must follow Alphay standards and procedures. Alphay conducts sample inspections and analysis as required to ensure proper composites and volume.



Alphay Extraction Workshop



Lingzhi Plantation Site
Jilin Changbai Mountain Region



Hericium Plantation Site