

June 2007.

Himalaya

Any of the formulas in the Himalaya Herbal HealthCare line - we begin with the careful choice of the right plant by trained personnel, followed by a very prudent selection of the parts to be processed - the leaves, the seeds, the stem, the bark or the roots. Each step is vital because it may cause unsatisfactory scientific results if its not executed with the utmost care.

Because there can be such rapid changes in the environment, and because we realize that all of our ingredients are procured from plants exposed to those environmental conditions, the Quality Control Processes at Himalaya, by necessity, have to be very stringent.

In essence, once an herb steps into the Himalaya lab from nature's lab, it traverses a highly scientific path.

Pharmacognosy, where its authenticity is established by morphological and microscopic means.

Analytical chemistry, where physical and chemical parameters are analyzed and studied.

Pharmacology, where elaborate experimental studies are conducted, such as acute, sub-chronic, chronic toxicity, mutagenicity among them, not only to assess efficacy but also to ensure safety.

Then on to the Formulation and Development Division, where the final formulation is made, and where accelerated stability and shelf-life trials are performed.

The final product in its entirety is evaluated through, so called "fingerprinting" standardized method to determine the peak profile of the phytochemicals- active markers within the plants. This can be accomplished by appropriate state of the art techniques such as HPLC (High Performance Liquid Chromatography) for identification of the compounds, and separates non-volatile chemicals, GLC (Gas Liquid Chromatography) to identify unknown chemicals such as essential oils, pesticides residue, odor chemicals, pharmaceuticals, HPTLC (High Performance Thin Layer Chromatography) and AAS (Atomic Absorption Spectrophotometry) to ensure physical and chemical uniformity and rule out the presence of impurities, aflatoxins, and heavy metals.

Once these basics parameters are fulfilled, the product then undergoes Phase I, II and III clinical studies to establish its safety, tolerability and efficacy. The journey of the finished product then continues to microbiology where the microbial counts, if any, are monitored and the stability is tested.

Our clinical trials are in compliance with the Helsinki Declaration and the protocols for the clinical trials adhere to both - World Health Organization (WHO) and Good Clinical Practices standards (GCP).

Himalaya is now being sold in 76 countries and was the first GMP approved herbal manufacturing facility in India.

Their reputation for safe, natural and efficacious remedies has been established through extensive research on proprietary products, continuous scientific validation and stringent quality controls.

Encompassing over 80,000 square feet of space, it boasts a staff of over 100 physicians and scientists, contains a 28-bed inpatient facility. Its research has

been published in numerous medical journals including The European Journal of Pharmacology, Phytotherapy Research, The Indian Journal of Clinical Practice, and JAMA, India.

Himalaya follows international Good Agriculture Practices, and its herbs are grown organically, without the use of any form of chemical fertilizers or pesticides. To protect herbs from insects, prophylactic sprays (such as neem oil) are sprayed on the plants at least 45 days before harvest, so there's no residue when the plants are harvested. Nutrient-rich farmyard manures and vermicompost feed the soil in which Himalaya's herbs are grown.

All research conforms to World Health Organization standards and product development typically takes ten years.

Our labs are all GLP labs, following Good Laboratory Practices. We are also recognized by India's Institute of Health Sciences as an approved PhD Center.

The market in Asia is different than the American market. In countries like India and Malaysia, their versions of the FDA treat our products as actual drugs, and because they do, we are required to hold their version of an FDA drug license for our products, and in order to do that, they actually come in and inspect our facilities on a regular and ongoing basis, and additional level of scrutiny that assures your clients of a high level of quality in all of our products.

Grace Ormstein MD

Medical Director/Herbal Advisor

Himalaya USA

713.863.1622