



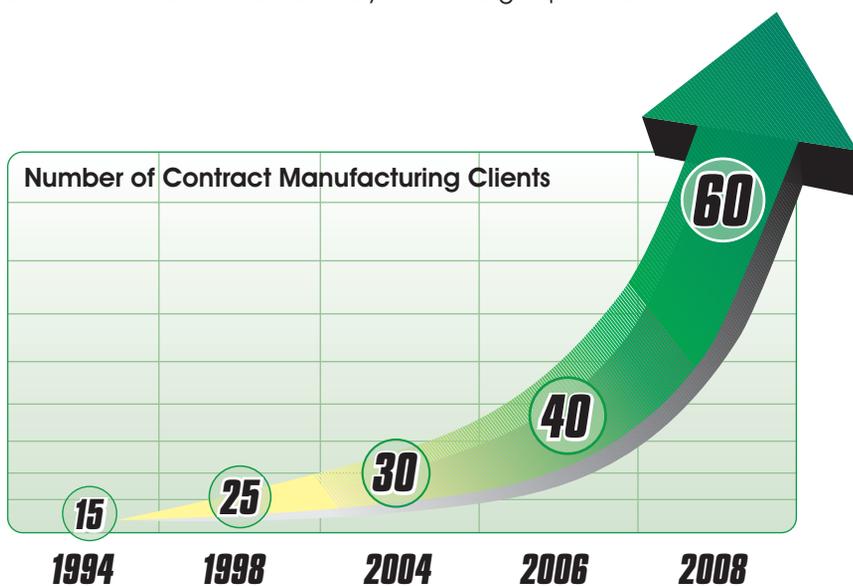
Quality *with* Trust, Service *with* Excellence

Founded in 1970, with headquarters in Singapore, Beacons Pharmaceuticals is Singapore's largest manufacturer of generic pharmaceuticals, with a track record of success spanning more than 38 years.

The company is a leading provider of high quality, fully integrated contract pharmaceutical manufacturing services, and also produces over 200 therapeutics in a variety of dosage forms, sold under the Beacons brand name.

Beacons Pharmaceuticals owns and operates two PIC/S GMP certified manufacturing facilities in Singapore, a pharmacy operation in Malaysia, a JV in Sichuan, China, and owns Beacons Technology Systems, the developer of the innovative SPAH production space technology solution and Beacons solution.

Beacons Pharmaceuticals has earned the trust of healthcare professionals and consumers, both in Singapore and Asia. With a team of talented professionals, backed by exacting standards such as PIC/S GMP certification for manufacturing quality excellence, vigilant workplace safety, and a strong commitment to environmental management, Beacons Pharmaceuticals provides quality service and innovative solutions... continually exceeding expectations.



PIC/S GMP Certified

Beacons Pharmaceuticals Production Capabilities and Facilities

With our state-of-the-art pharmaceutical manufacturing facilities, world-class infrastructure, and comprehensive suite of innovative solutions, we provide true "one-stop" convenience for all of your pharmaceutical manufacturing requirements.

Capabilities

Oral Solid Dosage Production

- Tablets - Maximum capacity: 83 million tablets per month
- Capsules - Maximum capacity: 33 million capsules per month

Liquid Production

- Maximum capacity: 1.5 million litres per month



Facilities

Production Suites

Oral Solid Dosage Production

- Mixers – 5 units
- Granulators – 3 units
- Fluid Bed Dryers – 2 units
- Ovens – 5 units
- Tablet Presses – 14 units
- Capsule Fillers – 4 units
- Coaters – 4 units
- Blister Packing Machines – 11 units

Oral Liquid Dosage Production

- Mixing Tanks – 5 units
- Bottle Filling and Labeling Lines – 3 units

External Semi-Solid Dosage Production

- Mixer – 1 unit
- Tube Filling Line – 1 unit

Other Facilities

Quality Control

- R&D Pilot Plant
- QC Laboratory
- Microbiology Laboratory
- Stability Chambers

Utilities

- High Tension Electrical Power Substation
- Compressed Dry Air System
- Heavy Duty HVAC/ AHU Systems
- Purified Water System
- Hot Water System

Warehousing

- Materials Storage
- Finished Goods Storage



Product Development

R&D Pilot Plant

With our in-house Pilot Plant, R&D batches can be developed in the same building as commercial scale. By using the same air and water sources, numerous quality issues are eliminated, making reproducibility and repeatability much easier. And, with the development scientists in the same building as production, technology scale-up is faster, more consistent and more economical than ever before.

Able to produce pilot batches for:

- Tablets
- Capsules
- Liquids
- Semi-Solids



QC Laboratory

Our fully equipped Analytical and Microbiological laboratories can provide the expert capabilities to springboard new product development and existing product improvement.

- **New Product Development**
- **Existing Product Improvement**

- Formulation
- Analytical Testing
 - Development and Validation of Test Methods
- Validation
 - Includes Process Validation
- Stability Testing
 - Accelerated and Real Time
- Registration and Dossier Preparation



Quality

Our manufacturing operations strictly adhere to the highest international standards of pharmaceutical quality assurance, regulatory requirements and performance standards including PIC/S GMP.



Intellectual Property Protection

In Singapore, your valuable IP developments are protected. Singapore is a signatory to major IP conventions and treaties, such as the Patent Cooperation Treaty, Paris Convention, Berne Convention, Madrid Protocol, Budapest Treaty, Agreement on Trade-related aspects of IP rights, and World Intellectual Property Organization. The Political Economic Risk Consultancy (PERC) ranked Singapore top in Asia for IP protection 3 years in a row (from 2002 – 2004).



From Molecule_{to} Marketplace...

Beacons Pharmaceuticals provides a comprehensive suite of fully integrated "one-stop" contract manufacturing solutions. With our state-of-the-art PIC/S GMP manufacturing facilities, our team of skilled scientists and technicians can provide all of the innovation, testing and commercialisation tools needed to bring your product from molecule to marketplace!

Manufacturing

Exceeding Expectations - Beacons Pharmaceuticals can offer the capabilities to produce a wide range of solid, liquid and semi-solid dosage products. Working closely with some of the world's top pharmaceutical companies, Beacons Pharmaceuticals provides contract-manufacturing services of the highest standard, meeting exacting production requirements, and exceeding expectations.

- **Blending**
- **Drying**
- **Mixing**
- **Encapsulation**
- **Tableting**
- **Coating**

Solid Dosage Production

- Tablets
 - Uncoated
 - Enteric, Sugar & Film Coating
- Hard Capsules
 - Gelatin
 - Veggie

Liquids Production

- Oral Liquids
- Ear & Nose Drops
- External Liquid Preparations
 - Lotions, Paints, Liniments & Emulsions
- Ointments, Creams, Pastes & Gels



Packaging

We offer an array of innovative, fully integrated packaging solutions, from package design, printing and fulfillment, to regional marketing and distribution services, tailored to meet your specific requirements.



- **Bulk and Retail Packing**
- **Blister Packing** (Tablets & Capsules)
- **Bottling** (Solid & Liquid dosages)

Interesting facts:

Production Output per year:

- 1.1 billion tablets
- 400 million capsules
- 19 million litres of mixtures



"We have been using Beacons Contract Services for 20 years now. It speaks volumes that we have remained a faithful customer of Beacons. They have a professional, friendly and helpful team. Most importantly, they provide competitively priced products and services."

*Vetpharm Lab (S) Pte Ltd
Singapore*

"Beacons always delivers our goods on time and ensures that our products meet the relevant HSA requirements. Excellent customer service is provided and we can always count on Beacons for support!"

*Borsch Med Pte Ltd
Singapore*

"Beacons and Khunaco have enjoyed a good business relationship for a long time now. Their shipments are always on time, which helps a lot in our planning and marketing."

*Khunaco Import Export Co.
Cambodia*

"The willingness to go the extra mile is the quality that distinguishes Beacons from the rest."

*Asiapharm Biotech Pte Ltd
Singapore*

"We are very well attended to for our urgent productions and deliveries."

*Hong Kiat Trading
Brunei*

Singapore - Launch Pad to Global Markets

Strategically located in the heart of Asia, Singapore is home to the world's leading air cargo and sea port infrastructure, is a leading telecommunications hub and has a labour force ranked #1 in the global competitiveness report. Singapore also has one of the most extensive Free Trade Agreement networks in the world, including key economies such as China, the United States, and India.



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