

## Case Study: Strategic Space Management

*When storage space dwindled, a pharmaceutical company made a strategic move: outsourcing reference samples to Q1 Scientific. The result? Cost savings, efficiency gains, and continued regulatory compliance — all while unlocking valuable in-house resources.*

### Challenge

A leading pharmaceutical company with a portfolio of drug products in various stages of development, ranging from pre-clinical to post-marketing, was actively conducting stability testing on-site at their state-of-the-art facility in mainland Europe. However, they were facing a major problem of running out of storage space at their facility for samples on stability, risking potential delays to their development and regulatory filing timelines. The company had two types of stability samples in storage: reference samples (retained samples of each batch of drug product used for comparison and verification) and critical samples (drug products that are subjected to accelerated or long-term stability testing to determine their shelf life and expiration date). The company wanted to find a way to optimize its storage space and operational efficiency without compromising its product quality or regulatory compliance.

### Solution

The company decided to outsource the storage of the reference samples to Q1 Scientific, a trusted provider of

“We have worked with Q1 Scientific for a while now and we are always impressed with their knowledge, professionalism, and ability to assist with our requirements, often at short notice. No study is too small or too large, and atypical storage requests are always handled with the same care as large routine stability studies. I would highly recommend Q1 as a stability storage facility”

**European Pharmaceutical Company**



stability storage services. The benefits of this approach included reduced operational costs, improvement of operational efficiency and accelerated development activities to drive more products to the market faster. However, they needed assurance of quality, regulatory compliance, communication, sample coordination and security to make the change. Following a tour of the Q1 Scientific facility, the pharmaceutical company was impressed with the team, infrastructure and approach to managing stability storage. They decided to move all their reference / retain samples to Q1 Scientific, which offered them 24/7 monitoring, integrated backup systems, GMP compliance, documentation and reports, transportation and logistics handling, and customized solutions for their stability storage needs.

### Outcome

By outsourcing their reference sample storage to Q1 Scientific, the pharmaceutical company:

- Saved up to 40% of their operational costs with stability storage on-site by eliminating the need for purchasing, installing or validating new stability chambers or cabinets.
- Reduced the time associated with stability testing by up to 20% with the added efficiency gains from trusting the Q1 team to manage their samples.
- Freed up valuable space at their facility for storing critical samples that required in-house testing and monitoring.
- Ensured the integrity and safety of their reference samples and data by storing them in accordance with the highest standards of GMP and the relevant regulatory guidelines and standards.
- Accessed the expertise and experience of Q1 Scientific to provide them with customized solutions, best practices and market insights for their stability storage needs.