

Accelerated Re-Commissioning of the Sandwich Pilot Plant for GMP Production

Asymchem successfully re-commissioned the Sandwich Pilot Plant for GMP manufacturing within **five months** of acquisition. Designed for small molecule clinical API production, the facility operates at default OEB4 containment, with upgrade options to OEB5. It supports flexible batch sizes from **2 kg to 150 kg**, housing 24 reactor vessels with a total capacity of 23 m³ and is equipped for hydrogenation, cryogenic chemistry, and biocatalytic processes, with all operations managed through an advanced DCS system. A computerized maintenance management system (CMMS) and electronic inventory system further enhance efficiency in **cGMP** operations.



UK
Sandwich, Kent

Recent manufacturing campaigns have demonstrated the strengths of both the facility and technical teams:

- **4-week turnaround** from purchase order to manufacturing launch
- Flexible operations that maximize **process understanding** and **data collection**
- **Real-time collaboration** with clients during plant operations
- **Rapid, scalable process optimization** without timeline delays
- On average, a **10% yield improvement** and **higher-than-expected product purity**

New OEB5 R&D Facility Establishes Comprehensive High-Potency Drug Platform

Asymchem has successfully completed construction of a new state-of-the-art OEB5 R&D facility this month, with operations set to launch shortly. Spanning **3,200 m²** across four floors, the new facility complements our existing OEB5 site to form a fully integrated **R&D, Manufacturing & Analytics** service platform. This expansion enables standardized, fully enclosed operations tailored to high-potency drug development.

Key Features of the New Facility Include:

- **A highly experienced, specialized R&D team**
- **Rigorous safety standards with OEL $\leq 0.001 \mu\text{g}/\text{m}^3$**
- **Full sterility and limit testing capabilities**
- **Industry-leading containment technologies, including Grade A negative pressure isolators, microbial-ance-compatible isolators, and VBE systems.**
- **Comprehensive physicochemical analytical capabilities: HPLC, GC, HS-GC, KF, pH, IR, KF-C, Polarimeter, EC meter, etc.**

By leveraging deep expertise, Asymchem's new OEB5 R&D facility greatly strengthens its capabilities in high-potency API development. We remain committed to delivering end-to-end solutions for our global partners.

Expanding Our Capabilities

We are excited to announce that our Kilo-lab at the Boston site is now fully operational. The facility is designed to fully support cGMP manufacturing for small-molecule RSMs, intermediates, and APIs. These capabilities enable process development and production at kilogram scales, allowing us to better meet increasing project demands.

**Contact us to learn how
Asymchem Boston can support
your small molecule API
development needs today!**



USA
Woburn, MA