

Case Study: Modern Water and Life Science Group

Overview

Modern Water, a leading water toxicity testing company, is renowned for its continuous toxicity monitoring (CTM) system. When Modern Water sought a reliable CDMO partner for powder formulation and dispensing, they turned to Life Science Group (LSG), a trusted UK-based manufacturer with expertise in delivering customised solutions for the pharmaceutical, biotech and research sectors.

Life Science Group's Role

As a specialised CDMO, LSG provided a tailored service, managing the entire powder formulation process from milling to packaging. Using a state-of-the-art facility, LSG processed powder batches up to 2000L with a maximum dispense volume of 500g. Packaging options included bags and bottles, meeting GMP standards and ensuring product integrity. With a three-month lead time, including milling, LSG delivered on schedule without compromising quality.

Key Outcomes and Achievements

Modern Water received pre-formulated powders meeting stringent quality and deadline requirements. For LSG, this was a pivotal project, marking their first venture into powder formulation. It enhanced their capabilities, optimised processes for powder handling and positioned them as a reliable partner for similar projects.

What LSG Gained

This collaboration provided LSG with valuable experience in powder formulation, refining workflows, organisational skills and GMP compliance. It opened opportunities for future projects and reinforced their adaptability and expertise in custom manufacturing.

Unique Selling Points

LSG's integrated service, from formulation to packaging, ensured precision and compliance. Their ability to adapt to tight deadlines and deliver tailored solutions set them apart as a comprehensive manufacturing partner.

Challenges and Solutions

Meeting strict timelines and maintaining precision in powder formulation were key challenges. LSG used advanced milling technology and efficient workflows to ensure success while upholding GMP standards and rigorous quality control.

Future Plans

Modern Water and LSG plan to expand their collaboration with larger-scale orders in 2025. This strengthened partnership reflects the trust and success achieved through their collaborative efforts.

QUALITY - TRACEABILITY - INTEGRITY

Life Science Group

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