CASE STUDY FAST TURNAROUND • RUO+ • CUSTOM GMP-READY REAGENTS

Flexible GMP-Ready Buffer Manufacturing

Challenge:

A leading US-based pilot lab needed 17 proprietary custom downstream buffers on a tight timeline to meet their drug substance manufacturing schedule. We generated every downstream buffer needed for their therapeutic build, including chromatography buffers, strong acids and bases, concentrated detergents, and alcohol storage solutions. All raw materials utilized for these RUO+ grade reagents were tested for low endotoxin levels and selected to be easily transferable to GMP manufacturing. The products were supplied in 10 L single-use bioprocessing bags.

Requirements:

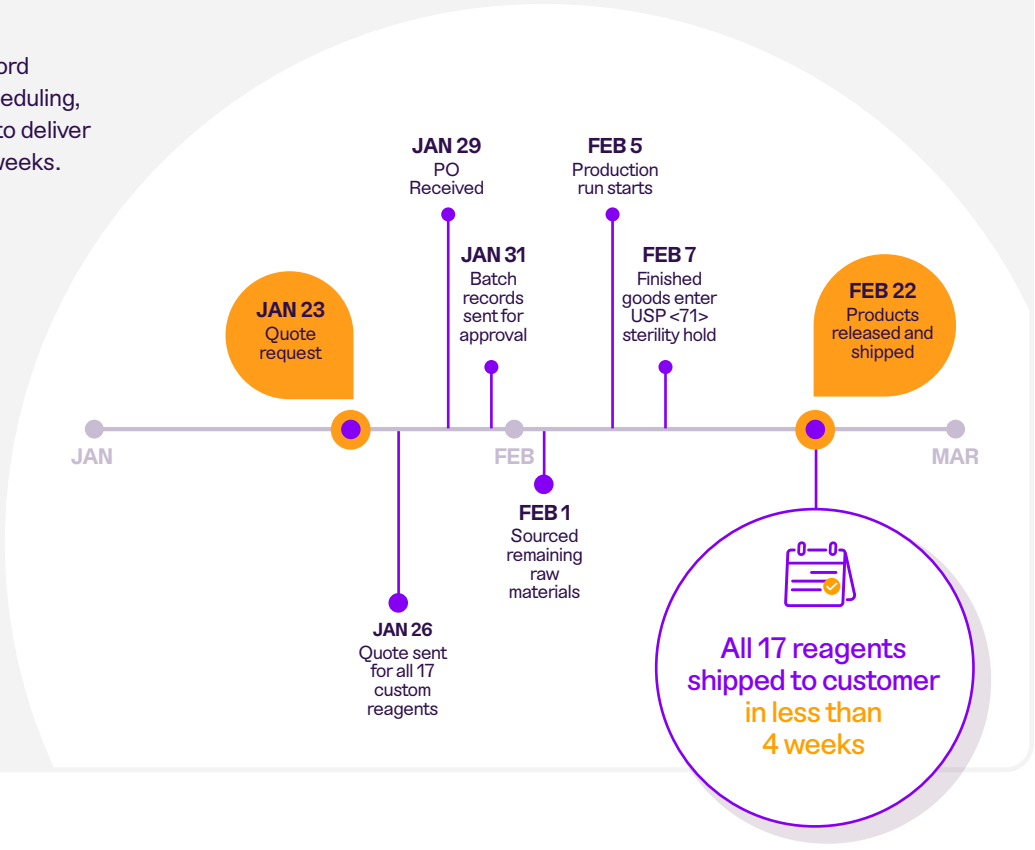
- Chromatography buffers
- Strong acids and bases
- Concentrated detergents
- Alcohol storage solutions
- Made in 10L single-use bioprocessing bags
- Tested for low endotoxin levels
- GMP-ready
- Materials needed ASAP, ideally in under 4 weeks

Our solution:

We accelerated quoting, batch record creation, raw material sourcing, scheduling, and QC testing–including sterility–to deliver their custom buffers in less than 4 weeks.

How did we do it?

- Trusted multi-vendor roster for raw material procurement
- Modular manufacturing platform configured to customer specifications
- RUO+ manufacturing grade provides GMP-ready quality on RUO timeline
- Expert QC team and dedicated lab equipped for custom testing

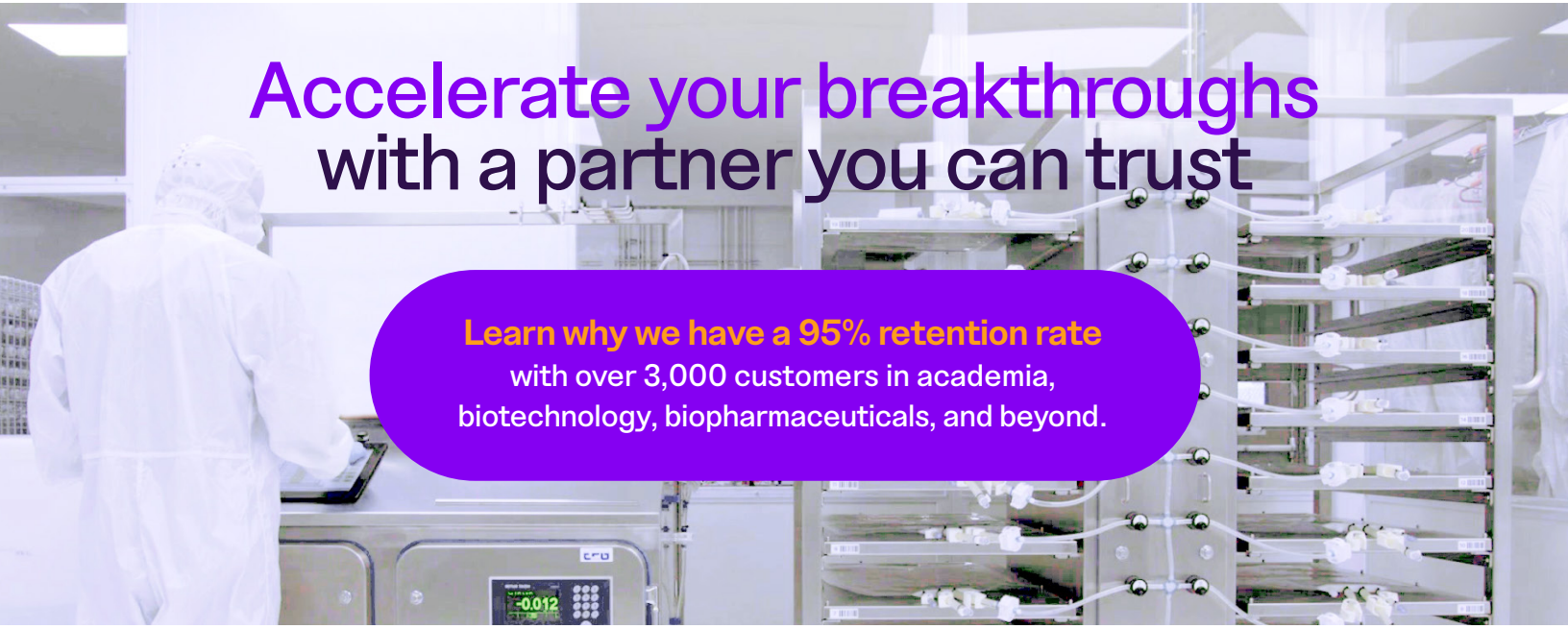


Send us your reagents challenge:

Book a meeting with our team today to learn how we can make solutions possible for you.

Book your consultation

teknova:



Accelerate your breakthroughs with a partner you can trust

Learn why we have a 95% retention rate with over 3,000 customers in academia, biotechnology, biopharmaceuticals, and beyond.

30 Years of Expertise

With three decades of proven performance, we provide the technical expertise and reliability your therapies demand—from discovery through commercialization.

ISO 13485 Certified

Our state-of-the-art QMS and facility includes over 10,000 ft^2 of animal-free and endotoxin-controlled ISO 7 and 8 cleanrooms.

Custom RUO, RUO+ and GMP

Make your scale-up seamless with reagents made to your exact specifications. Our minimums are as low as 8 L for custom RUO buffers and 25 L for GMP products, and our lot sizes go up to 2,000 L.

Quality You Can Count On

Our rigorous QC program includes 20 assays for raw materials and finished goods. We also offer custom testing and stability studies, and keep retention samples for the lifespan of your product.

Solutions That Scale

Our modular manufacturing platform adapts to your needs—from pilot studies to commercial production—delivering continuity, efficiency, and value at every stage of the clinical pipeline.

Industry-Leading Turnaround

You can count on us to deliver your high-quality custom and GMP products faster than the competition. We can get your order into production in days, instead of weeks, guaranteed.

Send us your reagents challenge:

Book a meeting with our team today to learn how we can make solutions possible for you.

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