

MANUFACTURING MASTERY: SCALABLE ASEPTIC FILL-FINISH THAT MAXIMIZES YIELD

Argonaut is the home for high-value drug products and complex formulations. From vials to syringes to cartridges, we help you manufacture with momentum across clinical and commercial phases, protecting yield and maximizing the value of every run.

NEAR
100%
YIELD



State-of-the-art filling lines in Carlsbad, CA

Our aseptic manufacturing platform combines flexibility with control, supporting multiple container types through formulation, sterile filtration and fill-finish. Each of our filling lines uses isolator technology, single-use fluid paths and advanced controls to safeguard high-value therapies and is designed with a different manufacturing scale in mind.

	Line #1 — Loker Ave. Small-to-mid-size clinical and commercial batches:	Line #2 — Aston Ave. Purpose-built for scalability and commercial readiness, this line expands our capacity with high-speed throughput across multiple formats:
► Formulation	500 mL – 200 L (single-use closed-system mixers)	Up to 800 L, including large-volume solvent handling
► Sterile filtration	Multiple sterile filters validated (PES & PVDF); batch or continuous options	Closed-system single-use path with validated filters
► Formats	2R–20R vials validated; 30R change parts available	Vials 2R–50R; pre-filled syringes (PFS) (1 mL long, 1 mL standard, 2.25 mL, 3 mL); cartridges (3 mL); other sizes possible with change parts
► Throughput	~2,000 2R vials/hr; ~1,000 20R vials/hr	Up to 9,000 2R vials/hr; 7,200 10R vials/hr; 1,800 50R vials/hr; ~7,200 1–3 mL PFS/hr; ~7,200 3 mL cartridges/hr
► Batch size	400 – 20,000 2R vials (10-hour run)	~90,000 2R vials (10-hour run)
► In-process controls	Nitrogen overlays; 100% non-destructive weight checks and limited light exposure	Nitrogen overlays; 100% non-destructive weight checks and limited light exposure
► Features	N/A	RTU nested components; online cap/crimp printing; multiple filling heads; renesting capability; no glass-to-glass contact





Drug Development and Manufacturing Simplified

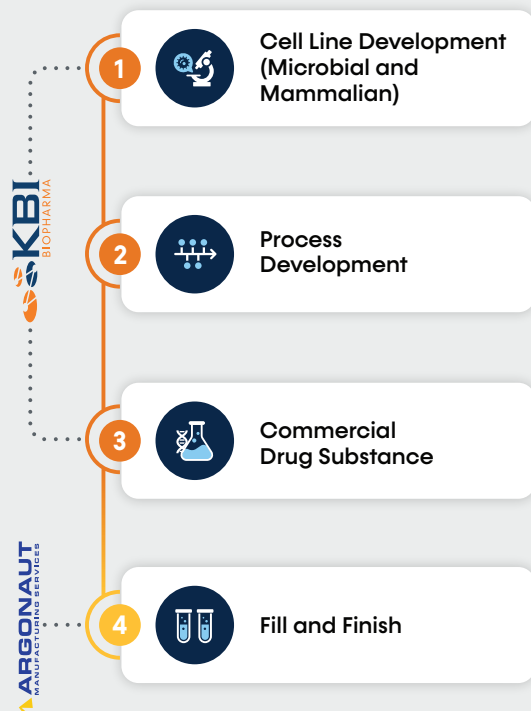


Cell Line Development (CLD) to Fill-Finish Solutions

Your molecule shouldn't get stuck between drug substance and drug product.

KBI Biopharma is your expert CDMO partner for complex biologics, with mammalian and microbial platforms and analytical capabilities.

Our Capabilities



What We Deliver:



Accelerate Your Development

Mammalian and microbial CLD for high-producing, stable cell lines



Optimize for Scale

Process development that translates seamlessly to commercial manufacturing



Ensure Quality and Purity

Advanced purification with scalable, commercial-ready processes

Partnership with Argonaut Manufacturing Services

Together, KBI and Argonaut deliver complete cell line to fill-finish solutions. Our integrated approach optimizes your drug substance with fill-finish in mind, preventing costly challenges.



Simplified Processes

One MSA and project manager from CLD to DP



Accelerated Timelines

2-3 months faster through in-process material



Streamlined Quality

Mutual audits and coordinated quality processes



kbibiopharma.com

Visit our website to learn more about our offerings and see the reverse side to learn about our fill finish partner, Argonaut.