



**A CDMO with  
strong foundations**

# Lubrizol Life Science Health (LLS Health) is a leading contract development and manufacturing organization (CDMO) taking on some of the greatest formulation challenges in drug development today.

For more than 20 years, we've supported the development of hundreds of small and large molecules and partnered with over half of the top 10 leading pharmaceutical and biotech companies. With a range of technical capabilities, multiple technology platforms, and expertise in drug delivery, we can take on your formulation and production challenges.

We specialize in the commercial production of sterile injectable and ophthalmic formulations with no minimum batch sizes. Our FDA-inspected commercial manufacturing facility features flexible cleanroom space and an experienced, customer-centric team that ensures your drug product gets the care and focus it needs to succeed.

The in-house expertise coupled with our industry-leading and proprietary technologies offers a supported and seamless journey from development through manufacturing. As a hands-on CDMO partner, we are dedicated to open and honest collaboration that finds the best solution to deliver your project successfully.

Expertise in drug product formulation with supporting services spanning analytical and physical characterization as well as clinical and commercial manufacturing.

## Markets and Therapeutic Areas:



Ophthalmic  
(All dosage forms)



Injectables/Parenteral



Long-Acting Drug Delivery

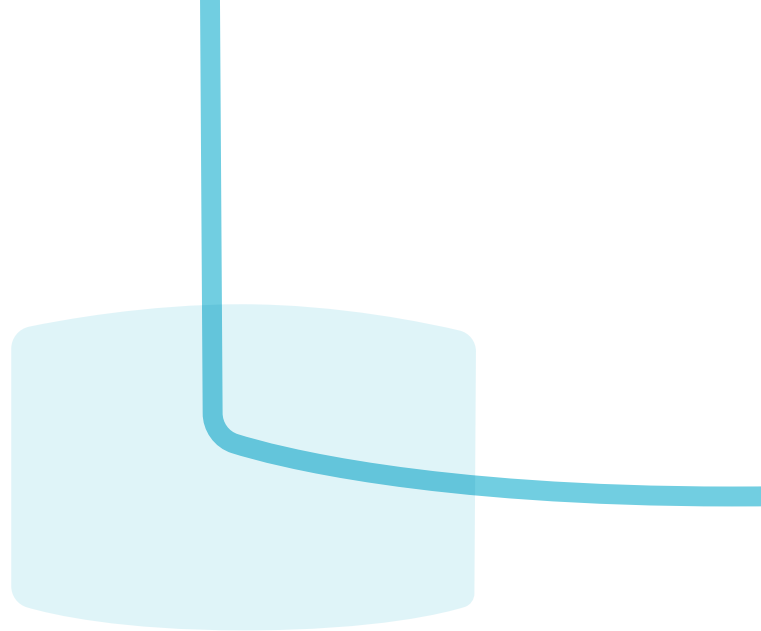


Clinical & Commercial  
Aseptic Drug Product  
Manufacturing

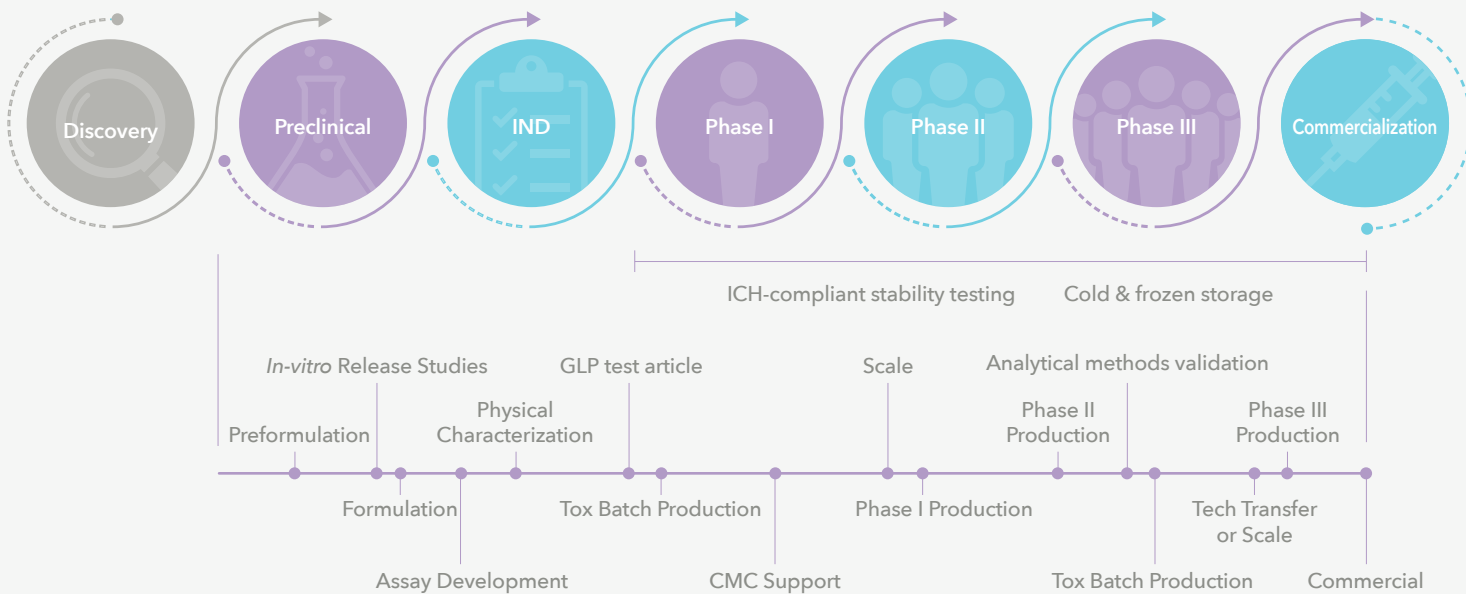
# A CDMO for any and all phases

From early development through commercial supply, we offer formulation and manufacturing expertise to guide you through the process and help you make informed decisions.

Throughout your drug development journey, we are part of your team.



## From Bench to Clinic to Commercial



# A CDMO with a breadth of capabilities

We are strategically positioned as an integrated partner to your drug development and commercial supply program and are industry leaders at increasing the solubility of difficult-to-formulate APIs to improve bioavailability. We have expertise in drug delivery, where we have assembled an array of technologies designed to meet today's most prevalent challenges.

Our in-house analytical services have supported the development of hundreds of small and large molecules such as peptides, proteins and oligonucleotides, and we work with a wide range of dosage forms in virtually every route of administration and indication.

The combination of our understanding of solubility, bioavailability, and formulation approaches, as well as our proprietary technologies and excipients set us apart. We have experience with aseptic processing and work under Good Manufacturing Practices (GMPs) in our sterile, non-sterile, and high potency cleanrooms. We are FDA inspected and DEA licensed for all schedules of controlled substances.

Successfully optimized the solubility of over **100** APIs utilizing nanomilling.

We specialize in complex processes, including:

- **Aseptic processing**
- **Homogenization**
- **Nanomilling**
- **Lyophilization**
- **Hot melt extrusion**
- **Injection molding**

Our FDA-inspected, ISO 5 commercial filling line is equipped for:

- 2 to 100 mL vials
- 5 and 10 mL ophthalmic bottles
- Aseptic lyophilization

Our clinical manufacturing suites are equipped for:

- 2 to 200 mL vials
- 1 to 10 mL prefilled syringes
- 5 and 10 mL ophthalmic bottles
- Aseptic lyophilization

## Development Expertise Areas:

- Formulation of insoluble APIs
- Sterile products & biologics processing
- Long-acting formulations
- Intravaginal rings
- Drug-eluting implants
- Nanoparticulate formulations
- Solutions and suspensions
- Emulsions
- High potency compounds
- Controlled substances



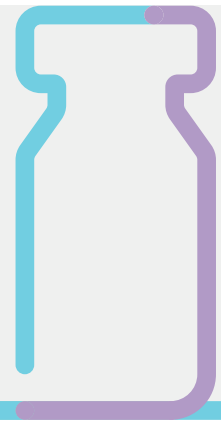
# A CDMO here to stay

We are focused on expanding and strengthening our internal capabilities so we can continue to sustainably innovate the way we develop and manufacture drug products in partnership with customers. We plan to stay at the forefront of drug product innovation and our team can draw upon our global knowledge base to provide greater support and market insights to help you meet your goals.

As a commercial manufacturing partner, we offer a unique combination of personalized service and long-term security of supply. Our team takes a vested interest in translating projects from clinical to commercial scale, and our strong financial backing as a member of the Berkshire Hathaway family ensures you can count on us for reliable long-term supply.

With unmatched technical depth, hands-on approach, and a passion for knowledge sharing, our team's goal is to help you find the best solution to deliver your project successfully.

To learn how we can help get your drug product to market, [contact us today.](#)



## About Lubrizol Life Science Health

The Health business team at Lubrizol Life Science partners with customers to speed their innovative medical devices and differentiated pharmaceutical products to market. Our dedicated team provides best-in-class polymers and excipients, along with state-of-the-art product design, drug development, and manufacturing services, with the ultimate goal of creating solutions that improve patient outcomes. For more information, visit [LubrizolCDMO.com](http://LubrizolCDMO.com).



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