



**WE MAKE IT.  
ABOUT YOU.**

**Contract Manufacturing**

- Sterile Fill-Finish
- Oral Solid Dose
- Integrated Packaging

# BUILDING A RELATIONSHIP. ABOUT YOU.

**Avara is a contract manufacturing partner that established a portfolio of facilities by acquiring proven assets and absorbing highly experienced staff from pharmaceutical companies. We continue to invest in these facilities and supply commercial-scale liquid and lyophilized sterile injectables and oral solid dose products to multiple geographic markets.**

**GLOBAL  
REACH TO 40+  
COUNTRIES**

**2 BILLION  
DOSES A YEAR**

**INTEGRATED  
PACKAGING,  
AUTOMATED  
INSPECTION**

At Avara, we are deeply committed to our clients feeling a difference in their overall experience with us. Our nimble teams know both perspectives of the outsourcing relationship, blending long-term pharmaceutical manufacturing experience with CMO proficiency. Because we understand your position, we are responsive and flexible in our decision-making, enabling us to quickly advance your project.

Leaders at all levels of our organization are accessible and invested in the success of every client and project. We are here to listen to your needs, find the best solution for your project, and deliver to the highest standards. Ultimately, it's all about you.

#### **Reliable Facilities**

Working with Avara, you can expect the rare combination of a sizeable CMO with the flexibility of a lean enterprise. Each site is well proven through decades of large-scale commercial supply within the pharmaceutical industry, including a good understanding of challenging compounds and the demands of blockbuster product supply.

Our facilities benefit from long-term retention of highly experienced personnel, providing deep technical knowledge and continuity all the way through the life of your project. They all operate in compliance with the highest quality standards and have strong records of successful client audits and regulatory authority inspections.



## ORAL SOLID DOSE

Clinical and commercial-scale manufacturing of oral solid dose (OSD) drug product is a core capability of Avara, including potent compounds and targeted release formulations. We have also recently invested in expansion of our capabilities to include DEA licensing for Schedule II & III controlled substances, hot melt technology, tri-layer tablets, and increased encapsulation capacity.

### Oral Solid Dose Manufacturing

- Blending
- Milling
- Dry Granulation
- Wet Granulation
- Extrusion
- Spheronization
- Hot Melt Technology
- Spray Drying
- Fluid Bed Drying
- Encapsulation
- Compression (Including Bi- / Tri-layer)
- Film Coating
- Column Coating
- Wurster Coating
- Printing
- Tablet Visual Inspection
- Potent Compounds
- Controlled Drug II-V
- Comprehensive Laboratory Support

### Oral Solid Dose Packaging

- High-Speed Lines
- Bottles
- Blisters
- Alu Cold Form
- PVC PVDC Thermoform
- Secondary Blistering (Blister-To-Card)
- On-Line Foil Printing
- Serialization
- Carton Packaging
- Laser Printing
- Automated Visual Inspection



## STERILE FILL-FINISH

Avara has extensive experience and a proven regulatory track record in complex and highly scrutinized sterile fill-finish processes. We offer liquid and lyophilized fill-finish of sterile injectable products, including terminal sterilization and high containment capabilities for potent compounds.

### Sterile Manufacturing

- Small-Volume Parenterals
- Aseptic Filling
- Liquid Vials & Ampoules
- Lyophilization
- Terminal Sterilization
- Development Labs
- Pilot to Commercial Scale
- Oxygen-Sensitive Products
- Ion-Sensitive Products
- Potent Products
- Visual Inspection
- Comprehensive Laboratory Support

### Sterile Packaging

- High-Volume Automated Packaging
- Single Vials
- Vials in Trays / Cartons
- Kitting Capability
- Serialization
- Manual Specialty Packaging

# LET'S TALK. ABOUT YOU.



**STERILE  
FILL-FINISH**



**ORAL  
SOLID DOSE**



**PACKAGING**

## GLOBAL FACILITIES

### AIKEN

South Carolina, USA

- Oral Solid Dose
- OTC Product Portfolio
- Multiple Rx-To-OTC Switches
- Specialty Packaging
- Regulatory Approvals Including FDA, EMA, GCC, MHRA & ANVISA
- Former GSK facility

### ARECIBO

Puerto Rico

- Oral Solid Dose
- Advanced Technologies
- Controlled Drug II-V
- Highly Potent Products
- High-Speed Bottling
- Regulatory Approvals Including FDA, DEA, ANVISA, MPA (Sweden), MoH (Russia) & MoH (Peru)
- Former Merck facility

### LISCATE

Italy

- Sterile Injectables
- Pilot-Commercial Scale-Up
- €30m Invested Since 2009
- High Containment
- Regulatory Approvals Including FDA, AIFA, ANVISA, MoH (Russia) & MFDS (Korea)
- Former Pfizer facility

### NORMAN

Oklahoma, USA

- Oral Solid Dose
- Clinical-Commercial Scale
- Potent Products
- High-Resolution Inspection
- Regulatory Approvals Including FDA, EMA, PMDA (Japan), MoH (Russia) & CFDA (China)
- Avara Headquarters
- Former Astellas facility



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