Your Contract Manufacturer of Choice...

- Responsive, Flexible Manufacturing and Packaging of an Array of Products
- Demonstrated Competency in Delivering Solid Dose and Oral Liquid Products on Time and in Full
- High Level of Expertise and Extensive Checks and Balances System to Ensure Quality Drug Production
- Acute Focus on Safety and Quality Mindset Throughout Entire Manufacturing and Packaging Process
- Multi-Year Global Manufacturing Leadership Council Award Winner

Mallinckrodt Contract Manufacturing

High Performing Facilities with Comprehensive Solutions and Value-Added Services

For More Information About Contract Manufacturing, Visit:
Facilities and Equipment Ideal for Your Product Offering:

**HOBART**
- U.S. FDA and DEA Compliant
- Operated Under cGMP Conditions
- Annual Capacity of 10+ Billion Doses
- Site: 405,677 sq. ft.

**WEBSTER GROVES**
- Pilot Plant Development to Commercial Scale Up and Manufacturing for High Value
- Small Volume Oral Solid Dose Products
- Potent Compound Handling Capability
- DEA-Licensed wth Controlled Access
- Site: 13,950 sq. ft.

**Technologies:**
- Dry Blending
- Wet Granulation and Fluid Bed Drying
- Tablet Compression
- Film Coating
- Gelatin Capsule Filling (Powder & Bead)
- Liquid Blending and Filling
- Fully Serialized and Aggregated Packaging

**Our Diverse Capabilities Allow for a Wide Range of Manufacturing Options**

- **Tableting and Encapsulation:**
  - **Tableting**
    - High speed, dedicated tablet presses
  - **Encapsulation**
    - Capable of powder, single or double bead encapsulated production with in-line quality control
  - **Film Coating/Imprinting**
    - Large-scale film coating and printing capable

- **Blending and Dispensing:**
  - **High Shear/Bead /Drying**
    - Multiple granulation, coating and drying operations
  - **Ancillary Equipment**
    - Large-scale bead manufacturing and milling capabilities
  - **V-Blending**
    - Pilot to large, commercial scale V-blending capability

**Our Electronic Laboratory Notebook System Enables Accurate and Efficient QC Operations**

- Full Analytical and Test Method Development Capabilities for Solid, Oral and Liquid Dose Products, Across Full Range of Presentations
- Raw Materials
- Full Release and On-Market Quality Control Lab
- Analytical Support
- Stability Program Management

**Our Packaging Lines are Fully Equipped with Serialization and Aggregation Technology**

- **Solid Dose Packaging**
  - Fully serialized solid dose packaging with integrated labeling, sealing, check-weighing, and tablet reconciliation
- **Liquids Formulation and Packaging**
  - Fully integrated liquid packaging for large and small scale solution batches with integrated cartoning
- **Unit Dose Blister Packaging**

*All packaging lines meet and exceed the expectations of the November 2018 Drug Supply Chain Security Act regulatory deadline

**Our Fully Compliant Distribution Hub Is Capable of Next-Day Case Shipment Across the U.S.**
Facilities and Equipment Ideal for Your Product Offering:

**HOBART**
- **U.S. FDA and DEA Compliant**
- **Operated Under cGMP Conditions**
- **Annual Capacity of 10+ Billion Doses**
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- Tablet Compression
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- **Pilot Plant Development to Commercial Scale Up and Manufacturing for High Value**
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- **Potent Compound Handling Capability**
- **DEA-Licensed with Controlled Access**
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**Technologies:**
- Dry Blending
- Wet Granulation and Fluid Bed Drying
- Tablet Compression
- Film Coating
- Hot Melt Extrusion

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