



# PMI

BioPharma Solutions

Drug Discovery,  
Development,  
and Manufacturing

PMI BioPharma Solutions provides product development services and cGMP manufacturing for Phase I and Phase II clinical trials. We strive to provide reliable and cost-effective solutions to meet the needs of our clients. Our specialties include aseptic fill finish and microfluidization services.

### Key Capabilities

- Aseptic Fill and Finish
  - ISO 5-7 Aseptic Processing Space
  - 1 mL to 100 mL Vial Sizes
  - 100% Manual Visual Inspection
- Non-Sterile Manufacturing
  - ISO 8 Processing Space
  - Microfluidization Technologies for Nanosized Molecules
  - Bulk Liquid Batch Sizes of up to 100 L
  - Semisolid Topical Batch Sizes of up to 20 kg
- Labeling and Kitting
  - Automated Labeling
  - Manual Labeling
  - Customized Kitting

### Clinical and Process Development

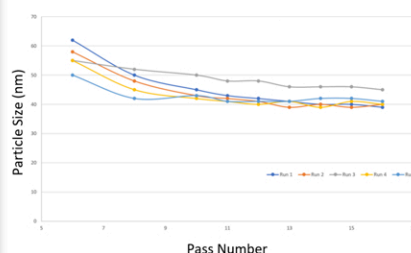
- Design, Optimization, and Scale-up
- Formulation Development and Optimization
- Analytical and Microbiological Requirements
- Manufacturing Processes
- Container-closure Identification
- Labeling, Packaging, and Kitting Requirements
- Warehousing and Distribution Services

### Analytical Development

- Method Development, Transfer, and Validation
- Analytical and Micro Testing
- Particle Size and Distribution
- Ultra High Performance Liquid Chromatography
- Agilent 1200 Systems
- Waters Acuity Arc Systems
- Photo Diode Array Detection
- UV/VIS/Dual Wavelength
- Waters QDa Mass Detector
- Microbiology
- ICH Stability



Particle Size as a Function of Pass



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