

Introducing...

# Flex-JIT™

A Flexible Just-In-Time Manufacturing  
and Inventory Control Service

**Spend less time on  
manufacturing headaches...**

**...Spend more time building  
your company.**



AthenaES™ offers customized and comprehensive manufacturing services for lifescience companies. Flex-JIT™ operations allow Athena to provide a low cost and easily customizable production to fit your company's vision. Partnering with the AthenaES™ Flex-JIT™ service allows companies to eliminate up front capital expenses, inventory cost, and supply chain logistical headaches.

Flex-JIT™ works best for startups because it is flexible, low-cost, rapid, and scalable. Athena already have the staff, facility, and raw materials on hand. We can rapidly make your product ideas a reality.

-Benjamin Broedel, President & CEO



**Athena Enzyme Systems™**

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[www.athenaes.com](http://www.athenaes.com)



## Flex-JIT™ - Life Science Manufacturing Services

### Capabilities Statement

**Flex-JIT™** is a flexible just-in-time manufacturing service. AthenaES® has developed an efficient manufacturing system for producing liquid and powder products that is both flexible and responsive. The approach allows our manufacturing team to rapidly adapt to variable production needs of our clients.

#### Capabilities

- Liquid and dry powder culture media.
- Chemical and biological reagents for the life science industry.
- From single component products to complex 80+ component chemical-biological mixtures.
- Batch sizes from milligrams to kilograms and liters to hectoliters.
- Production turnaround in under 2 weeks.

#### Differentiators

- Reduced upfront costs:
  - ❖ No need to invest in or maintain product inventory when sales are uncertain.
  - ❖ Lower initial capital costs, de-risks infrastructure costs.
- Market responsive:
  - ❖ Rapid turnaround for on-the-fly adjustable batch sizes and schedule to match product sales.
  - ❖ Provides surge capacity when sales increase rapidly.
- Comprehensive support:
  - ❖ Complete logistic support and supply chain security from raw materials to delivery to the customer.
  - ❖ Experienced experts in the manufacture of life science products.

#### Past Performance

- Athena has 25 years of manufacturing experience in the life sciences.
- Currently produce 208 dehydrated and liquid products.
- Diverse experience in the manufacture of life science reagents, specialty and consumer products.
  - ❖ Custom cell culture medium – 366 different formulations made.
  - ❖ Protein-based products – more than 30 different proteins for industrial and biopharmaceutical uses.
    - ◆ Examples:
      - Dex and Dex-GBD – Novora
      - MP8 – Meyer Pharmaceuticals
      - LypA – Pfizer
      - Chitinases - GlycoPure
  - ❖ Consumer products:
    - ◆ Plant Root Growth Stimulator – Advanced Nutrients
    - ◆ The Bilge Pill™ - Bilge Tech
    - ◆ MagiGlue™ - Clementine Art
    - ◆ Sting Thing™ -

#### Company Data:

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