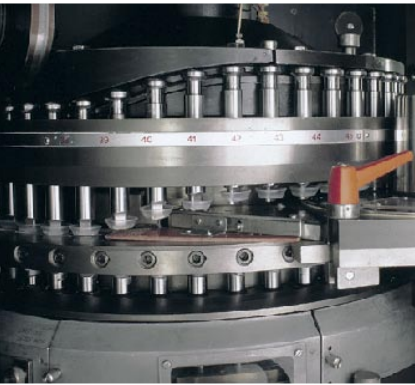
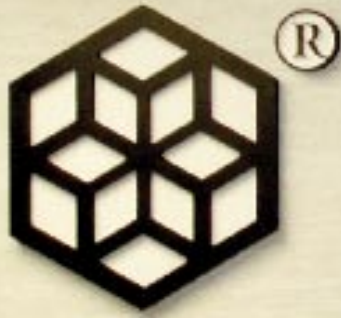


*Dietary Supplements  
Pharmaceuticals  
Research & Development  
Quality Assurance  
Regulatory Consulting*



COMMITTED TO INNOVATIVE PRODUCTS AT COMPETITIVE PRICES™





# Vesta®

## Vesta Pharmaceuticals

### INTRODUCTION



Vesta Pharmaceuticals was founded in 1996 with a single uncompromising focus: deliver the absolute highest-quality nutritional supplements and pharmaceutical products for every customer, at the promised time, and at an unsurpassed value.

While Vesta has grown into a premier cGMP and FDA-registered full-service provider of supplements and pharmaceuticals, we continue to apply our founding values in every facet of our business.

To partner with Vesta is to partner with an industry-leading management team rich in experience and committed to your complete satisfaction. Our leadership team boasts decades of experience in every aspect of nutritional and pharmaceutical production, including research and development, manufacturing, quality control, marketing and sales, export documentation, ANDA, and FDA regulations. Vesta's experts are readily available to understand your concerns and then develop an innovative solution specifically for you.



### Vesta®

You expect reliability. You demand quality. Vesta Pharmaceuticals adheres to the strictest industry standards for quality assurance and quality control. We fortify industry standards with our own rigorous QA/QC processes to guarantee the highest levels of quality, consistency, and reliability in every product we deliver.



Call Vesta Pharmaceuticals today at 888-55VESTA and speak with the industry's most experienced technical staff and management team. We are dedicated to supporting your specific needs, and your absolute satisfaction is guaranteed.

We look forward to serving you.

*Delivering the absolute highest quality dietary supplements and pharmaceutical products available is Vesta's promise!*





# DIETARY SUPPLEMENTS



Vesta Pharmaceuticals has efficiently coordinated our state-of-the art QA/QC laboratory, cGMP manufacturing facility, and high-speed packaging equipment to produce and deliver the highest quality dietary supplements at unbelievably competitive prices.

We have thousands of formulations of herbal extracts, vitamins, and minerals ready for immediate manufacturing and delivery to you. From popular supplements that expose your business to an enormous customer base, to specialty compounds with high profit margins designed to attract niche demographics, Vesta has your exact solution.

Our dietary supplements are delivered in the precise dosage and form factor you demand. Tablets, gelatin encapsulation, powders, and blends -- we have the equipment and experience to deliver them all.

At Vesta, we understand there are purer, more effective, and more potent ingredients just waiting to be discovered. Our skilled research and development staff is constantly investigating all emerging scientific and botanical data in order to formulate the next breakthrough dietary supplement your customers will demand.

We understand that a reliable, trustworthy supplement provider is paramount to your success. Vesta's broad selection of quality nutraceuticals coupled with our competitive prices, on-time delivery, and our flexible manufacturing options are certain to reduce your costs and increase your profits.



**Vesta**®



*Tablets, gelatin encapsulation, powders, blends – we have the equipment and experience to deliver them all.*



### **Packaging Services**

- Bottles
- Unit Doses
- Blister Packs

### **Manufacturing Services**

- All Nutritional and Nutraceutical Products
- Tableting
- Gelatin Encapsulation
- Liquids and Powders
- Blending
- Granulation

### **Technical Support**

- Custom formulations and packaging
- Pilot batches and short runs
- Analytical testing
- Documentation searches

### **Full Market Support**

- Literature support
- Package and label design
- Label production
- Export assistance
- Export certificates
- Warehousing
- Drop Shipping
- Inventory Control
- EDI system





# PHARMACEUTICALS

Vesta is proud to provide premium contract-manufacturing services to the pharmaceutical industry. At our FDA-registered cGMP facility we will manufacture your pharmaceuticals in the form factor you require – tablets, powders, encapsulation, and blends. And using our modern packaging equipment, we can supply your products in bottles, blister packs, or unit doses.

At Vesta, we have the flexibility to provide any quantity of product you need within the budget and schedule you demand. We are happy to manufacture your smaller start-up quantities as well as your complete full-scale production runs.

Vesta Pharmaceuticals partners with industry-leading companies to fulfill their external manufacturing needs. With our experienced staff of technical experts, you too can trust Vesta to manufacture your high-quality pharmaceuticals to your exact specifications. As a result, you can allocate your precious resources on the new products that will fuel your business forward.



**Vesta**®



*If you require capsules, our state-of-the-art encapsulation equipment delivers consistent product, batch after batch, for manufacturing runs of any size.*



### **Formulation and Process Development**

- Blending, drying, granulation and coating development
- Brand extension formulation development
- Dosage form specification development
- Drug product specification development
- Excipient compatibility studies
- Excipient selection and ratio determination
- Formulation of drug products: solids and semi-solids
- Immediate release dosage form development
- Manufacturing process optimization
- Modified and sustained-release dosage form development

### **Formulation Evaluation**

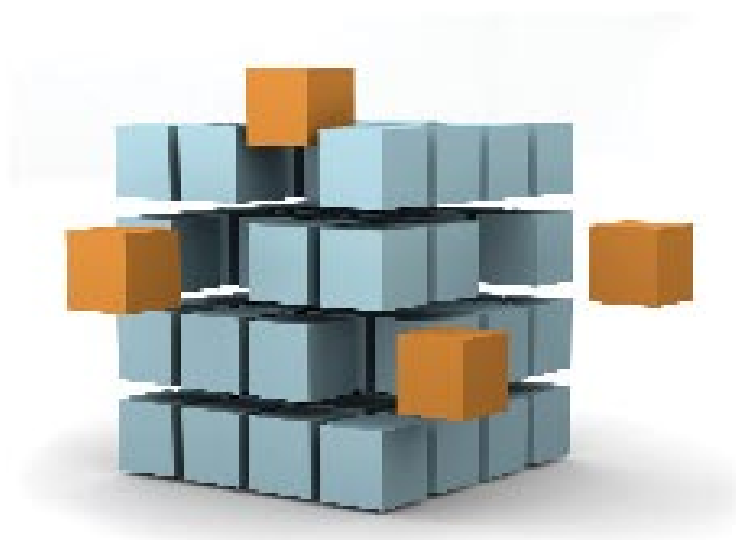
- Compressibility evaluation
- Content uniformity evaluation
- Disintegration testing
- Dissolution testing
- Friability testing
- In-vitro bioequivalence determination
- Powder flow determination
- Stability assessment
- Tap-density testing

### **Clinical and Small to Large Commercial Manufacturing and Small Scale Phase III**

- cGMP manufacturing
- Dosage form preparation and blending
- Granulation, tableting, encapsulation and coating
- Open and blended clinical packaging and labeling
- Semi-automated encapsulation and coating

### **Regulatory Support & Consulting**

- Facility & Process Validation





# NEW PRODUCT DEVELOPMENT

## **With Vesta, it's easy to:**

- Get ahead of the curve with new products containing the latest active ingredient(s) or combinations.
- Take advantage of new public awareness of emerging or established products.
- Replace expensive trademarked brands with an improved version of a house brand.

Vesta Pharmaceuticals maintains a New Product Development Team that stays on top of the industry's latest market trends. Vesta also has the expertise to assure that our client's products are at the forefront of modern technology.

## **The Vesta Team is:**

- Customer Oriented, able to work with a preliminary idea for a product or a full set of finished product specifications. Vesta Team experts will work closely with you to provide an effective dosage form in an attractive package that will excite your customers.
- Market Oriented, with hot products, ingredients, and categories. The Vesta Team is ready to tailor a unique product that will stand out in the clutter of today's market place.
- Technology Oriented, using the latest ingredients, the latest physical conditions, and the latest research reports. Vesta can recommend specific products to help you boost revenue and increase profits.



**Vesta**<sup>®</sup>

Whether your products are tablets, capsules, or powders, Vesta's Team can assist with your label design and help with U.S. and international regulatory requirements.

*“Vesta has always been committed to manufacturing top quality products at competitive prices, with on-time delivery to every customer.”*



### **ANDA** *Abbreviated New Drug Applications*

Vesta Pharmaceuticals has on-staff industry experts in the field of Abbreviated New Drug Applications (ANDA). ANDA is the FDA's expedited process to approve the generic pharmaceuticals that compete with innovator drugs coming off patent protection. ANDA eliminates the need for costly clinical trials as long as the generic drug is scientifically proven as bioequivalent to the original drug. Vesta Pharmaceuticals has experienced, dedicated experts devoted to guiding you every step of the way through the ANDA process.

Consumers and governments alike are pressuring the pharmaceutical industry to produce more high quality, effective prescription medications at significantly reduced prices; therefore, demand for generic prescriptions will continue to skyrocket. Vesta Pharmaceuticals is positioned perfectly to partner with your company to develop, manufacture, and deliver the high-quality generic drugs you need to propel your business' growth.

Vesta will manufacture your generic drugs in our FDA-registered facility with the utmost consistency and quality, and we will deliver your product exactly when you need it.



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# TECHNICAL SERVICES

## **Vesta's Consulting Services include the following:**

### **Analytical Method Development/Validation**

Development and validation of analytical methods in support of stability testing of drug substances and drug products, residual solvent testing and cleaning validation testing.

### **Raw Material/Excipient Testing**

Testing performed according to the USP, EP, BP, JP or FCC Compendia, or performed according to client-supplied or vendor-supplied methods.

### **Stability Testing and Stability Storage**

Testing performed to support national and international regulatory submissions for new products. Commercial product stability programs also supported.

Stability storage capabilities with a broad range of storage conditions including all ICH conditions for long-term or accelerated stability studies as well as photostability studies.

### **Comparative Product Testing**

Development and validation of assay, impurity and dissolution methods for over-encapsulated and/or de-branded marketed products.

Testing performed to support clinical release, clinical re-assay and stability programs.

### **Marketed Product Release Testing**

QA/QC release testing performed to support marketed products.



**Vesta**<sup>®</sup>

*“We steadfastly believe the ‘voice of the customer’ is the top priority.”*



## CUSTOMER CARE

When you contact Vesta, you receive our complete attention from your very first phone call, email, or handshake with our staff. Our exceptional customer service staff is dedicated to addressing your needs in a prompt, professional, and efficient manner.

We understand that timely information is key to your successful business. Regardless of your inquiry – including quotes, specification sheets, order status updates, product delivery details, international documentation support, and audits of our internal capabilities – our customer service staff is trained to provide specific answers to your questions.

At Vesta, all customers are given the same care, service, and attention they deserve. We are happy to provide our signature full-service contract manufacturing services for the small production runs which growing companies require. Likewise, we have the capability and know-how to execute high volume, tightly scheduled manufacturing runs that mature companies demand.

At Vesta, there is no such thing as a “small order.” We are passionate about helping today’s small businesses become tomorrow’s major players. If you are a growing company that struggles for the respect of your other suppliers, contact our customer service department today to experience a new level of personal attention.

Vesta’s customer service staff is committed to your absolute satisfaction. Call Vesta Pharmaceuticals today at 888-55VESTA to discuss your nutritional supplement and pharmaceutical needs with the industry’s finest support team.



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