



### Leader in custom manufacturing

for the pharmaceutical and nutraceutical industries.















### **Superior Quality and Standards Compliant Products**

Viva prides itself for supplying its customers with premium grade products. This is in part because it takes its compliance obligations very seriously:





• Since March 2004, the company has been a compliant Canadian GMP manufacturer of natural health products based on the requirements set forth by the Natural Health Products Directorate and its enforcement body.





Viva is considered to be the biggest GMP-certified pharmaceutical and natural health food products manufacturer in British Columbia, Canada. The company boasts a modern facility that covers a total land area of roughly 73,000 square feet and a total plant area of more than 52,000 square feet. It's dedication to the constant improvement of its facilities ensures that all products are made using advanced manufacturing equipment at all stages of the production process from research to packaging.

Softgels



Tablets



Hard Shell Capsules



Liquids & Creams











# Softgels

Softgel (soft gelatin capsules) are manufactured as a one piece, hermetically sealed shell wall filled with oils and non-aqueous liquids or solids in a paste or solution form. The shell is made in a manner to give softgels a unique strength and durability; protecting the inner fill material from the atmospheric oxidation that may compromise the potency and shelf life of other oral dosage forms.

Viva is the largest manufacturer of soft gelatin capsules in western Canada. With its state-of-the-art equipment, the company is capable of producing more than 6 billion softgel capsules annually.



#### **INCLUDED TYPES OF SOFTGELS & GELATIN SHELLS**

Regular Softgels

Chewable Softgels

Cosmetic Softgels

### **Enteric Coated Softgels**

Porcine Gelatin Shells

Bovine Gelatin Shells

Fish Gelatin Shells

#### THE ADVANTAGES OF SOFTGEL DOSAGE

Better bio-availability

Higher absorption rate

Easy to swallow

Elegant appearance

Superior odour masking

Longer shelf life





### **Tablets**

Tablets (or "pills") are the most conventional and commonly used dosage form for drugs. They are made by compressing powders or granules at high pressure into a solid dosage form.

With its most advanced technology and equipment, Viva can provide the highest quality tablets to customers around the world.



#### THE ADVANTAGES OF TABLET DOSAGE

Large variety of compositions

Broad range of shapes and sizes

Multiple use and functionality

#### **INCLUDED TYPES OF TABLETS**

Core Tablets

Chewable Tablets

Film Coated Tablets

Sugar Coated Tablets

Moisture Shield Coated Tablets

**Enteric Coated Tablets** 

**Effervescent Tablets** 

**Sustained Release Tablets** 





## Hard Shell Capsules

Hard shell capsules are widely used due to its convenient administration and coloring possibilities. They are particularly suitable for powders that cannot be made into tablets such as dry plant powder, herbal extracts and mixtures of minerals/trace elements.

Viva uses sophisticated machinery for high-speed capsule filling; producing a large variety of capsules for both the nutritional and pharmaceutical market.

#### THE ADVANTAGE OF CAPSULE DOSAGE

Quicker lead-time

Vegetarian capsules are available

#### **INCLUDED TYPES OF HARD SHELL CAPSULES**

Regular Gelatin Capsules

Vegetarian Capsules

Fish Gelatin Capsules

Beadlet Capsules (Can Be Time Release)

**Enteric Coated Hard Shell Capsules** 







### Liquids & Creams

Liquids and creams are manufactured using advanced filtering, sterilization and vacuum emulsifier processing machinery. All creams and liquids are made with ultraviolet treated purified water and can also be preserved in nitrogen.

Viva's progressive R&D department has the capabilities and technologies to customize a formulation that suits any private label needs.



#### **INCLUDED TYPES OF LIQUIDS**

Calcium enriched drinks

Omega drinks

Energy drinks

Custom-formulated liquids for private labelling

#### **INCLUDED TYPES OF CREAMS**

Anti-wrinkle cream

Moisture preservation cream

Eye cream

Facial serum

Custom-formulated creams for private labelling



# Packaging

Viva provides primary and secondary retail packaging services to fulfill all their customers' packaging needs – including bottle, blister, sachet, pouch and carton packaging. The company's state-of-the-art, fully automated packaging line can package up to 200 million bottles or 300 million blister cards annually.

Viva takes great pride in ensuring that all customers' products are packaged in the most cost-effective and attractive way possible. Custom labelling and printing capabilities are also available as part of the company's turnkey packaging solution.

### R&D

Viva's R&D department is comprised of a team of dedicated researchers that are committed to developing new formulation and unique technology. Viva currently holds several approved US patents and there are several more patents currently being processed by the US Patent Office. In addition to professional research, Viva can provide the following services:

- Custom formulation that meets your specific product needs
- · Colour matching of current softgel or tablet product
- · Product development that turns concepts into actual products



### Quality Assurance

### Regulatory Affairs

### Quality Control

The Quality Assurance team at Viva is committed to ensuring that all activities which may impact product quality, product safety and effectiveness are controlled and monitored. A key tool to maintaining GMP compliance for contract pharmaceutical manufacturing includes strict adherence to written communications such as SOPs, forms, and validation protocols.

The Regulatory Affairs team is responsible for ensuring that Viva's corporate quality system and contract manufacturing activities are in compliance with Health Canada, US FDA and other foreign regulatory agency requirements. Viva is committed to keeping current with the latest developments in evolving regulatory agency frameworks.

The Quality Control department at Viva adheres to a strict quality control process to ensure the safety and reliability of all raw materials, final products and packaged materials coming out of its facilities. The department consists of three laboratories: chemical lab, microbiology and heavy metal lab. All staff members are well-trained professionals who hold a doctorate, post-graduate and/or graduate diploma and have several years of experience in related areas.



## Viva Advantages

Manufacturing natural health products using **pharmaceutical standards** 

Full on-site laboratory that tests on all incoming materials, in process products and finished products

Quick turnaround time

**One-stop shop** for all your raw material sourcing, manufacturing, coating, testing, R&D, packaging and shipping needs.

FDA, Health Canada, NSF, Halal, Costco and Wal-Mart audited

Large production capacity of 40 million softgels, 25 million tablets and 3 million capsules on a daily basis.





Viva Pharmaceutical Inc. 13880 Viking Place Richmond BC V6V 1K8 Canada **T** 604.718.0816 **F** 604.718.0817 info@vivapharm.com www.vivapharm.com