



**SVAS**  
**BIOLOGICALS**  
Biotechnology for Sustainable World



# Innovating Solutions for a **Healthier, and Sustainable Future**



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# Leading the Future of Sustainable Biological Solutions

SVAS Biologicals is a pioneer in sustainable biotechnology, dedicated to developing innovative solutions that bridge the gap between health, agriculture, and environmental well-being. With a focus on organic, environmentally safe products, we strive to enhance food safety, improve human and animal health, and contribute to a greener planet.

Our team of passionate scientists and industry experts works diligently to develop products that meet the highest standards of quality and sustainability.

## Core Values



**Innovation:** Creating advanced, scientifically-backed solutions.



**Sustainability:** Prioritizing eco-friendly practices and products.



**Quality:** Commitment to excellence and consistency.





## Vision

To be a global leader in biotechnology, offering innovative, eco-friendly, and health-conscious solutions that contribute to a sustainable future for generations to come.

## Mission

Our mission is to provide high-quality biological products that enhance food safety, promote human and livestock health, and contribute to environmental sustainability. We aim to revolutionize industries with sustainable practices and cutting-edge technology, ensuring a healthier flora and fauna.



# Committed to a Greener, Healthier World

At SVAS Biologicals, sustainability is at the core of our mission. We are deeply committed to reducing our environmental footprint through eco-conscious practices and promoting cleaner, greener production methods.

By integrating sustainability into every aspect of our operations, we aim to minimize harm to the planet while maximizing the positive impact of our biological innovations, creating solutions that not only benefit human health but also support a healthier, more sustainable world for future generations.

- **Eco-friendly Production:** Our manufacturing processes focus on reducing waste, conserving energy, and using renewable resources.
- **Green Biotechnology:** We emphasize the use of organic and non-toxic ingredients in our products.
- **Circular Economy:** Through sustainable sourcing, we ensure that every step of our supply chain adheres to eco-friendly principles, promoting a circular economy in the biotechnology sector.



## Insulin

### Advancing Health with Biotechnology

SVAS Biologicals produce high-quality, affordable Liraglutide and Semaglutide which are used in the therapy of type 2 diabetes.

**Liraglutide** is a recombinant DNA-produced polypeptide analogue of human glucagon-like peptide-1 (GLP-1) which works effectively when used in combination with diet and exercise in the therapy of type 2 diabetes.

**Semaglutide** is a peptide similar to the hormone glucagon-like peptide-1 (GLP-1), modified with a side chain and it is an anti-diabetic medication used for the treatment of type 2 diabetes and an anti-obesity medication used for long term weight management.

## Organic Mold Inhibitor (Calcium Propionate)

### Ensuring Safe, Mold-Free Food Production

Our **Organic Mold Inhibitor (Calcium Propionate)** is a key solution for preventing Mold growth in various food products. It is widely used in the food industries as a preservative for baked goods, dairy, and processed foods. Organic Mold Inhibitor is a clean label product manufactured through microbial fermentation process which ensures food safety while being environmentally friendly and free from harmful chemicals.

#### Key Features:

- Organic and non-toxic
- Enhances food shelf life
- Compliant with global food safety standards



## Fermentation based enzymes Advancing Health with Microbial enzymes

Microbially produced **chymosin** has become a significant innovation in the preparation of lactose free dairy products, especially for cheese production. It is highly efficient, and eliminates concerns related to animal-based rennet.

The microbial  **$\beta$ -galactosidases** are widely utilized in food applications to hydrolyze lactose in milk and its by-products, catering to lactose-intolerant populations.

## Single Cell Protein (SCP) Sustainable Protein for a Growing Population

Single Cell Protein (SCP) is a sustainable, high-quality protein source derived from microbial fermentation-based process using microorganisms. It offers a rich, renewable alternative to traditional animal-based proteins, helping to meet the global demand for protein in a resource-efficient manner.

### Applications:

- **Animal Feed:** Rich protein supplement for livestock and aquaculture industries.
- **Human Nutrition:** SCP has potential uses in human dietary supplements, offering a sustainable protein alternative.
- **Environmental Benefits:** Low environmental footprint compared to conventional protein sources like meat and fish.

# Biopolymer

## Naturally occurring polymer with microbial fermentation

SVAS Biologicals relies on microorganisms and the ability of their metabolism to convert a feedstock into a product. We use the bacteria as production-factories, where the transformation from vegetable oil to polyhydroxyalkanoates (PHA) occurs.





# SVAS BIOLOGICALS

Biotechnology for Sustainable World

## Partner with Us for a Sustainable Tomorrow

We are eager to collaborate with businesses and organizations that share our vision of a sustainable, healthier future. Whether you're in the food industry, healthcare, or looking for sustainable solutions, SVAS Biologicals is your partner in innovation.

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