



SNAIL MUCUS BRILLIANCE



PRODUCT PROPOSAL 2024

Project by:
Syed zulqarnain (C.E.O)

Contact Information:

- +92 333 9614214
- snailbricy@gmail.com
- Sumble arcade shafi market tipu sultan road saddar Peshawar.

We appreciate the opportunity to present this proposal for supplying snail mucus powder to your company. In this proposal, we outline how **Snail Mucus Brilliance SMS Pvt. Ltd.** can provide cutting-edge lyophilization services for natural snail mucus, specializing in high-quality natural ingredients for various industries, to establish a mutually beneficial partnership.

INTRODUCTION

I am Syed zulqarnain , the owner of Snail Mucus Brilliance SMS Pvt. Ltd. My snail firm, where I have dedicated my work to snail farming for 3 years and will continue in the future, has experience in biotechnology and specialized expertise in lyophilization. My commitment to excellence and innovative solutions sets us apart.

Now I'm looking for companies willing to bring this innovative ingredient to cosmetic formulations in Pakistan and look forward to partnering with you to achieve superior results in snail mucus preservation.

COMPANY OVERVIEW

We all know that skin conditions encompass a wide spectrum of issues that impact your skin. These conditions can lead to various skin changes, such as rashes, inflammation, itchiness, or alterations in appearance.

Internationally, lyophilized snail mucus including chemicals is already used in cosmetic product formulations in Europe and South America.

For the very first time in Pakistan, the lyophilization process has been implemented for three years by Snail Mucus Brilliance SMS Pvt. Ltd. and our extraction method without any chemicals gives the best results as compared to others.

PRODUCT OVERVIEW

Through our inventive technology and extracting method, we lyophilized 1 kg of mucus powder from 100 liters of snail slime liquid with an impressive 99.9% purity level and contained high-content active ingredients with no water, acids, or reagents. Furthermore, we maintained the integrity and effectiveness of snail slime while enhancing its usability, extending its shelf life, or making the material more convenient for transport.

Carrying out the process of secretion in the "cruelty-free" mode and our snails are treated with care and respect throughout the extraction process. After a while (4-6 months), having rested and gaining strength, the snail can again give new mucus.

Our product has various composites, making each kilogram rich in vital minerals and used in the preparation of different cosmetic products, including serums, facial masks, moisturizers, and fading creams. Moreover, it is rich in proteins, which makes it a useful component for many other businesses.

The snail beauty products market is expected to grow due to the increasing popularity of snail-based beauty care products and the growing awareness of the benefits of snail beauty multi-function cream, which absorbs rapidly, spreads easily, and leaves skin feeling dry and non-sticky.

BENEFITS

This is the fascinating skin-care ingredients are the mucus that the sluggish tiny creature leaves behind what it passes and Slime and mucin are widely used in pharmaceutical and cosmetic production. It does appear that certain types of snail mucus have moisturizing and protective qualities that are good for your skin. The Snail Extract Powder contains an extraordinary combination of natural ingredients that allows skin to heal and regenerate. It can be used to treat acne, acne scars, age spots, wrinkles, expression lines and many other skin conditions. Our snail mucus powder contains an ideal skin care formulation with potential benefits, it has several composites that could be beneficial for the skin such as:

- Collagen elastin:** its natural protein to increase skin strength and elasticity.
- Glycolic acid:** This alpha-hydroxy acid (AHA) exfoliates the skin, removes dead skin cells, and makes skin smooth and healthy. It contains high protein that keeps the skin nourished and protected, also maintaining youthful skin.
- Allantoin:** keeps moisturizing the skin, and has anti-inflammatory effects.

Some potential benefits of snail mucin are:

- Hyaluronic acid which helps moisturize the skin and reduce dryness.
- Due to glycolic acid and copper peptides, it could increase the formation of collagen to reduce the appearance of fine lines and wrinkles.
- Used in medicine for its wound-healing properties.



Moreover, there are numerous investigations that mucin exhibits antimelanogenic and antitumoral effects against melanoma and other cancer cells.

It is also effective for the healing of gastritis, diabetic foot ulcers, and other dermatological diseases like dermatitis and eczema.

WHY DRY MUCIN IS BETTER?

Easy to store:

1 kg of dry powder requires much less space than 100 liter of liquid slime. Packed in doupacks and sterilized, it keeps for a year in a dark place and up to 10 years in the fridge.

Easy to transport:

A refrigeration car is not necessary for 1 kg of dry, which is equivalent to 100 liter of liquid slim, and it may be shipped via postal service

Easy to use:

Does not need to be diluted in water before use, nor does it require infiltration or any other specific treatment.

QUALITY ASSURANCE

- Snail mucus generated without the need for additional reagents or oxidizers is the single ingredient in a one-component product.
- The moisture content is at a low level of 10.51%, ensuring optimal stability and shelf life.
- The brown coloration affirms that our product is in its natural state without any artificial additives or bleaching agents.
- pH value of 9.22% at 25°C (1% Aq. Solution)
- Solvent Extraction analyzed by HPLC, Our snail mucus powder contains 5110 ppm of glycolic acid.
- At 1536 ppm allantoin contributes to moisturization and skin-soothing.
- Impressive crude protein content of 40.12% for skincare formulation



These outcomes attest to the superior quality of our snail mucus powder as a powerful component that improves the skin's tone, texture, and overall health. For additional information on each parameter that was tested, please see the related subsections above.

Key Features: A Comparison

Highly Beneficial Ingredients:

Our prime snail mucus contains substantial components such as Collagen, Elastin, Glycolic acid and Hyaluronic acid.

Highest Index of PH, Allantoin, glycolic, and hyaluronic acids:

In Pakistan, for the very first time, our Lyophilized mucus powder stands out due to its high quality and purity level. It has a pH of 9.22%, an allantoin level of 1536 ppm and a glycolic acid concentration of 5110 ppm. Additionally its beneficial, properties. So our snail mucus powder is the best product in the world and has a strong lifting, moisturizing, and rejuvenating effect on human skin.

Long Shelf Life:

The product has a shelf life of 60 months and also 120 months when stored in a dry, dark place at temperatures between +2°C and +20°C1.

Cosmetics Applications:

Some of the many applications for cosmetic use are listed but not limited to the following:

- Hand and face creams and gels
- Eye and lip serums
- Body lotions, creams, and gels
- After-sun moisturizers and suntan lotions

QUALITY COMPARISON

Internationally, artificial snail mucus is synthesized or artificially created in a lab to mimic the properties of natural snail mucin. It is a white powder and highly soluble in water.

In fact, artificially synthesized mucin has nothing to do with "snail mucin." All this is a set of artificial components, so the cost of artificial mucin is significantly different, while our natural snail mucus offers a balanced blend of components like allantoin, glycolic acid, and hyaluronic acid, which is pure and of the highest quality as compared to artificial mucin.

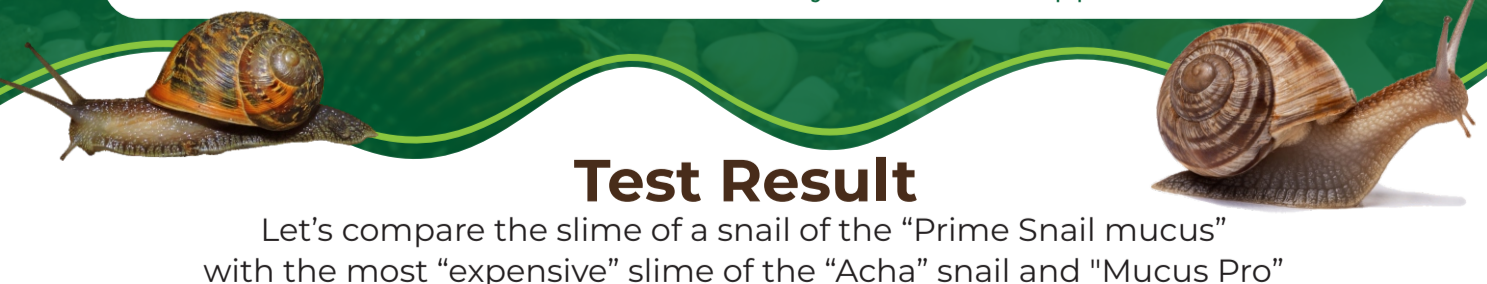
DISTRIBUTION AND LOGISTICS

Prime Snail Mucus is dedicated to providing our customers with timely and dependable product delivery. To service customers globally, we have set up effective distribution systems. Our staff is committed to processing orders with accuracy and care so that your products arrive on time and in perfect condition.

CONCLUSION

Our lyophilized powder of natural snail mucus represents the culmination of years of research, dedication, and passion for excellence. It is a game-changer in the skincare industry. We invite you to experience the transformative benefits of our product and join us in our mission to harness the power of nature for a healthier, more beautiful world.

Thank you for considering
Mucus Brilliance Pvt. Ltd. as your trusted supplier.



Test Result

Let's compare the slime of a snail of the "Prime Snail mucus" with the most "expensive" slime of the "Acha" snail and "Mucus Pro"

Indicator	Unit measurements	Lyophilized snail mucus		
		SNAIL MUCUS BRILLIANCE	Mucus pro Farm RAVLYK-2016	Acha Aden International Co.,LTD
Allantoin	µg /1g	1536	936	200-300
Glycolic acid	µg /1g	5110	1560	35
Humidity	%	10.15	9,14	9,0
Protein	%	40.12	33,4	10-25
Acidity	Ph	9.22	8,9	5-8

Thus, the most important indicators of snail mucus Allantoin and Glycolic acid in snail mucus of the class "Prime Snail Mucus" surpassed by more than ten times the mucus "Acha" (the most expensive brand of snail mucus in the world!)

For more information, please refer to the detailed test results provided above. We look forward to collaborating with you to create exceptional skincare products!

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