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### **PPP-100 Pearl Powder**

<b>Appearance:</b>	<b>Light Yellow to Off White Powder</b>
<b>Protein Content, %:</b>	<b>1.8 – 2.6</b>
<b>Calcium ( as CaCO<sub>3</sub>), %:</b>	<b>37.5 Minimum</b>
<b>Loss on Drying, %:</b>	<b>&lt; 2.0</b>
<b>Solubility:</b>	<b>Non-soluble in water</b>
<b>Particle Size:</b>	<b>&gt; 100 Mesh</b>
<b>Total Heavy Metals, ppm:</b>	<b>&lt; 20</b>
<b>Heavy Metal (as Pb), ppm:</b>	<b>&lt; 1</b>
<b>Heavy Metals ( as As), ppm:</b>	<b>&lt; 0.5</b>
<b>Heavy Metal (as Hg), ppm:</b>	<b>&lt; 0.5</b>
<b>Microbiological:</b>	
<b>Total Aerobic Plate Count:</b>	<b>&lt; 1000 cfu/g</b>
<b>Pathogens:</b>	<b>Nil</b>

**CTFA/INCI Name:** Pearl Powder

**Synonym:** Pure Pearl Powder

**Applications:** Cosmetic & Personal Care Products

**Use Levels:** Food Products: 1-10%  
Cosmetics: 1-10%

**Storage & Handling:** Store in a dark place at room temperature

**Standard Packaging:** 1 Kg. In Polyethylene Bag. 10 Bags per Case (10 Kgs/Case)

**Caution:** PPP-100 Pearl Powder is not a Category I sunscreen, nor is it sold as such.  
PPP-100 Pearl Powder is a cosmetic active ingredient, not a pearlescent agent.

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## **PPP-100 Pearl Powder**

### **Commentary:**

Since the ancient times, pearl powder has been highly regarded in China as a beneficial health and remedy ingredient that is widely used in expensive Chinese medicines and health and nutritional preparations. It is believed that the utilization of the pearl can nourish the skin, strengthen the body; and slow down the aging process. More recently, scientists have extensively analyzed pearl powder and found that the most beneficial ingredients in pearl powder are the 14 - 18 amino acids (including the eight that can not be synthesized by the human body), bezoar acid, and more than a dozen minerals including bio- available germanium, selenium and strontium (abundant in bio-active calcium, strontium and magnesium; trace levels of iron, copper, germanium, zinc, etc.).

PPP-100 Pearl Powder is made by refining high quality fresh water pearls using a proprietary process. PPP-100 Pearl Powder is non-soluble in water. PPP-100 Pearl Powder can be used as an additive to cosmetic and personal care products.

When used in cosmetic and personal care products, PPP-100 Pearl Powder works synergistically to enhance the action of any skin moisturizer, skin lightener/toner, skin repair and UV - protection products. Once PPP-100 Pearl Powder is absorbed into the skin, it promotes the growth of new skin cells and replenishes the cells of the skin's surface giving a smooth, fine, elastic and naturally beautiful skin. Other functions of PPP-100 Pearl Powder include promoting the activities of SOD and preventing melanin formation. The functionalities of skin whitening and prevention of skin aging are achieved because the SOD enhancement has the function of clearing the skin of cellulite-like toxins. It is also suitable for use in creams and lotions designed to heal minor slow healing wounds, treatment of boils, pigmentation disorders, blemishes etc. It also acts as an exfoliator with functions similar to alpha - and beta - hydroxy acids without any irritation and harshness. When used in color cosmetics, it moisturizes and neutralizes UV - damage while imparting an incredible skin after - feel.

PPP-100 Pearl Powder has the advantages of complete safety, no record of animal testing and long history of use in traditional medicines and cosmetics, attributes for skin lightening; UV - protection, reduction in trans-epidermal water loss (TEWL), all these have stimulated much interest in this natural product. The possibilities to incorporate this natural ingredient into a cosmetic formulation is endless, which includes but is not limited to creams, lotions, milks, facial cleansers, facial masks, vanishing creams, massage creams, lipsticks, facial powder, eye shadow and other high-end cosmetics.

***You Can Count On Us!***



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