

## Reaqua Zinc PCA

**INCI Name:**

Zinc PCA

**CAS Number:** 15454-75-8

Aerobic bacterial count

(CFU/g) max

100

\* These values indicate typical specification; they are not intended to be used as product specifications.

**General Information:**

Zinc PCA is a kind of sebum regulator with strong moisturizing effect and antibacterial properties. It can effectively inhibit abnormal oil production of skin, regulate sebum secretion, reduce the activity of lipase, regulate the water oil balance of skin, and bring fresh feeling to skin and hair. It has excellent antibacterial effect and can effectively inhibit acne. Because of its PCA structure, it can also help normalize the hydration function of stratum corneum and bring moisturizing effect to skin. In addition, it can also enter into fibroblasts, promote the synthesis of collagen and keratin, and help to restore skin health.

**Specification:**

Item	Specification
Appearance (25°C)	White to yellowish powder
pH value (10% aqueous solution)	5.0-6.0
Loss on drying (%) max	5.0
Nitrogen content (%)	7.7-8.1
Zinc content (%)	19.4-21.3
Heavy metals (as Pb, mg/kg) max	10.0
Arsenic (mg/kg) max	2.0

**Benefits:**

- Effectively regulates the sebum secretion, reduces the activity of lipase and promotes the water oil balance of skin
- Has excellent antibacterial effect and can effectively inhibit acne
- Has strong moisturizing effect
- Promotes the synthesis of collagen and keratin and helps to restore skin health

**Application:**

- Toner, essence
- Cream, lotion
- Foundation
- Shampoo, hair conditioner, body wash
- Toothpaste, mouthwash

**Formula Guidelines:**

Typically used at a level of 0.1-1.0%

**Storage & Handling:**
**Standard Packing:** 1 kg / bag, 15 kg / drum

**Storage:** Keep in cool, dry, ventilated and lightless place.

**Shelf life:** 24 months