

YTBIO Highlights Zinc PCA as Demand Grows for Targeted Skin Care Ingredients



Xian, Shaanxi Sep 17, 2026 ([Issuewire.com](https://www.issuewire.com)) - As consumers become more selective about skincare ingredients, demand for targeted solutions that address specific skin and scalp concerns continues to influence cosmetic formulation strategies. Among the ingredients attracting attention is [Zinc PCA](#), a compound increasingly incorporated into formulations designed for oil control, blemish-prone skin, scalp care and other personal care applications. Against this backdrop, YTBIO is highlighting the role of Zinc

PCA as an ingredient option for brands developing more targeted skincare and haircare products.

Zinc PCA Gains Attention in Targeted Skin and Scalp Care

Zinc PCA, also known as Zinc Pyrrolidone Carboxylate, combines zinc with pyrrolidone carboxylic acid (PCA). The ingredient is used in cosmetic formulations where manufacturers are seeking functional ingredients that can support sebum management and skin and scalp care.

The growing interest in targeted skincare reflects a broader shift in product development. Instead of relying solely on broad-purpose formulations, brands are increasingly developing products around specific consumer concerns, including excess oil, blemishes, scalp oiliness and sensitive skin. This has created opportunities for multifunctional cosmetic ingredients that can be incorporated into different product formats.

Zinc PCA is commonly considered for formulations focused on oil control and skin balance. It is also used in scalp and haircare products where managing excess sebum is an important formulation objective. These applications make the ingredient relevant to a range of products, including serums, lotions, cleansers, scalp treatments and shampoos.

Applications Extend Across Skincare and Haircare

One factor supporting interest in Zinc PCA is its versatility across different formulation categories. In facial skincare, it can be incorporated into products designed for oily or blemish-prone skin, including serums, lotions, masks and other targeted treatments.

The ingredient can also be used in body-care formulations. Products addressing body breakouts, excess oil or odor-related concerns may incorporate Zinc PCA as part of a broader formulation strategy.

Hair and scalp care represent another important application area. Excess scalp sebum can influence hair appearance and consumer perceptions of cleanliness and freshness. As a result, formulators are exploring ingredients that can be incorporated into scalp-balancing products, anti-dandruff formulations and other targeted haircare solutions.

Zinc PCA may also be combined with other commonly used cosmetic ingredients depending on the intended formulation. This gives manufacturers flexibility when developing products for different skin types, product positioning and market requirements.

Ingredient Quality Becomes a Key Consideration

As cosmetic brands place greater emphasis on ingredient transparency and formulation consistency, raw material quality has become an important consideration for B2B buyers. Factors such as purity, batch consistency, documentation, traceability and regulatory support can influence the selection of an ingredient supplier.

YTBIO's approach places particular emphasis on ingredient traceability, laboratory verification and compliance. According to the company's information, its quality system covers raw material selection, production controls, laboratory testing and finished-product quality management.

The company states that every ingredient is linked to documented raw material information, while active ingredient levels and product specifications are verified through laboratory testing. It also develops

labeling according to the requirements of target markets, supporting the documentation needs of brands preparing products for different regions.

For manufacturers purchasing cosmetic raw materials, these processes can provide a framework for evaluating not only the ingredient itself but also the reliability of the supply chain behind it.

YTBIO Expands Its Ingredient and Manufacturing Capabilities

Established in 2014, Shaanxi Yuntai Biological Technology Co., Ltd., operating under the YTBIO name, focuses on the research, development, production and sales of herbal extracts, nutritional supplements, cosmetic raw materials and OEM/ODM services.

The company operates a production facility of more than 10,000 square meters and maintains separate production areas for several finished-product formats, including capsules, granules, tablets and solid beverages. Its broader manufacturing capabilities allow the company to support customers at different stages of product development.

For brands working with cosmetic and health-related ingredients, this integrated model can be relevant when product development involves more than raw material purchasing. YTBIO provides formulation, manufacturing, packaging and labeling-related services as part of its broader B2B offering.

The company also reports certifications and quality systems including cGMP, FSSC 22000, BRC, HACCP, ISO 9001, ISO 22000, HALAL, KOSHER and FDA-related compliance capabilities. Certification requirements can vary according to product type and target market, making appropriate documentation an important part of international ingredient sourcing.

From Raw Material to Market-Ready Formulation

The increasing interest in targeted skincare is also changing the way brands approach product development. Rather than selecting ingredients in isolation, manufacturers increasingly need to consider formulation compatibility, dosage form, labeling requirements, packaging and the regulatory expectations of individual markets.

YTBIO's business model addresses these requirements through stock and customized formulas, flexible minimum order quantities and multiple dosage forms. The company states that its services cover the process from ingredient selection and formulation development through manufacturing, labeling and packaging coordination.

For Zinc PCA applications, this type of support can be particularly relevant to brands developing products for specific consumer groups or market segments. Depending on the formulation concept, Zinc PCA may be incorporated into facial skincare, scalp care, body care and other cosmetic products.

The ability to combine raw material sourcing with formulation and manufacturing support can also help B2B customers reduce the number of suppliers involved in a product development project. YTBIO describes this approach as a one-stop service designed to support brands from product concept through commercial production.

A More Targeted Approach to Cosmetic Ingredient Development

The continued development of targeted skincare is creating new opportunities for functional cosmetic

ingredients. Zinc PCA represents one example of an ingredient being considered for formulations focused on oil control, skin balance and scalp care.

For ingredient buyers, however, product performance is only one part of the sourcing decision. Consistent quality, traceability, laboratory verification, certification, documentation and formulation support can all influence whether an ingredient is suitable for a commercial product.

YTBIO's focus on ingredient quality, manufacturing capabilities and B2B customization positions Zinc PCA within a broader approach to cosmetic ingredient development. As brands continue to respond to demand for more targeted skincare and haircare products, ingredients such as Zinc PCA may remain relevant to manufacturers looking for functional components that can be adapted to different formulation requirements.

For more information about YTBIO, its Zinc PCA products and its ingredient and OEM/ODM capabilities, visit the company's official website: <https://www.ytbio-healthy.com/>



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