

Zinnerine

Anti-acne zinc hexapeptide complex

INCI: AQUA, HEXAPEPTIDE-2, ZINC SULFATE,
PHENOXYETHANOL



COSMOS



CHINA COMPLIANT



PATENTED PREPARATION



Who We Are

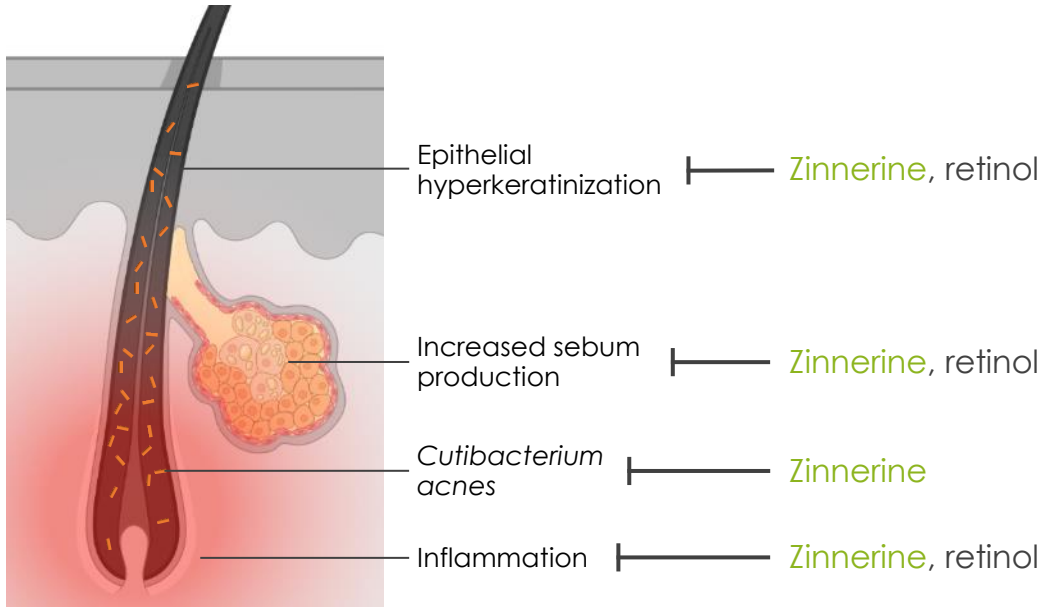
*World leader in research
and manufacturing
of hyaluronic acid.*

*Innovator in biotechnologies
since 1990.*

*Reliable partner of **successful
brands.***



Zinnerine targets all 4 key events in acne



+ Anti-aging activity

 Enhanced retinol-like activity

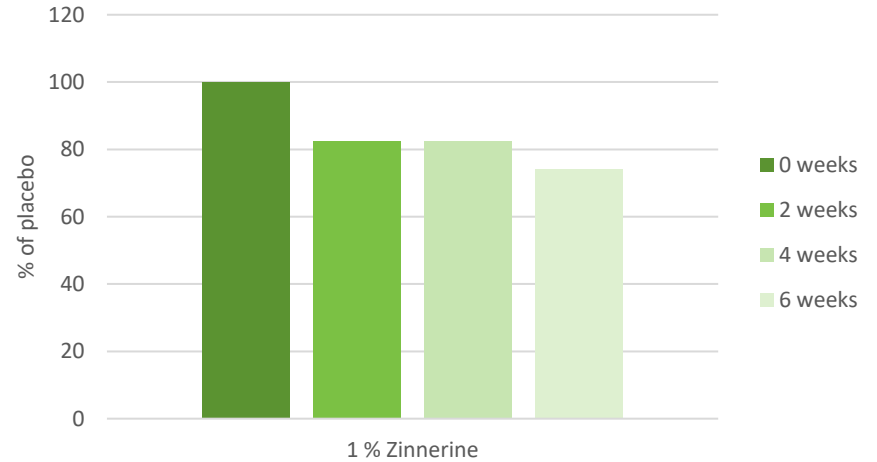


ACNE REDUCTION

20%

REDUCTION OF ACNE LESIONS

In vivo study by Contipro



ZIN (1%) in emulsion, face, 30 volunteers.
Number of acne lesions determined by Visia CR

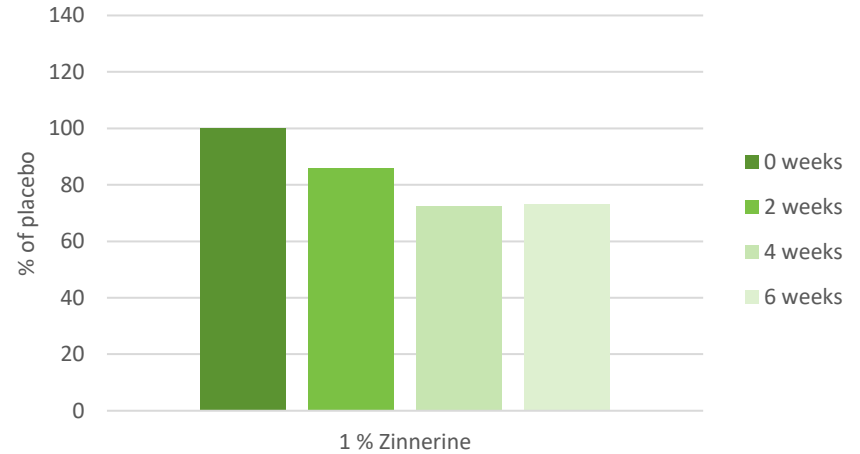


SOOTHING

27%

REDUCTION OF
SKIN REDNESS

In vivo study by Contipro



ZIN (1%) in emulsion, face, 30 volunteers.
Skin redness determined by Visia CR

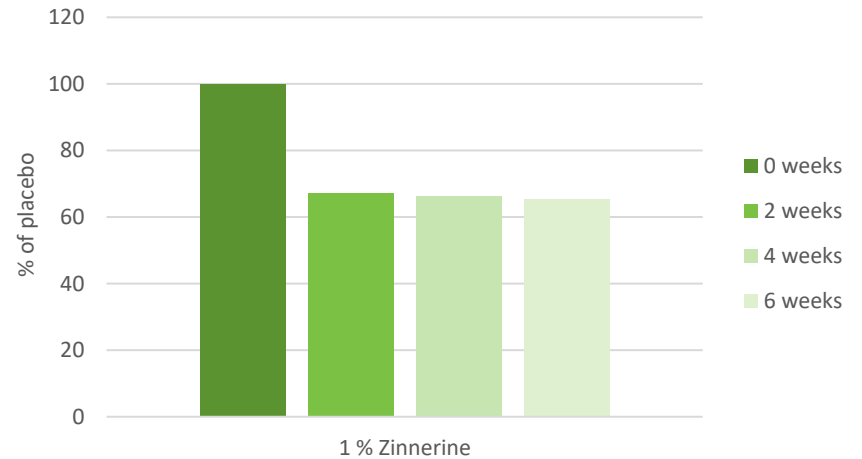


WRINKLE REDUCTION

35%

REDUCTION OF WRINKLES

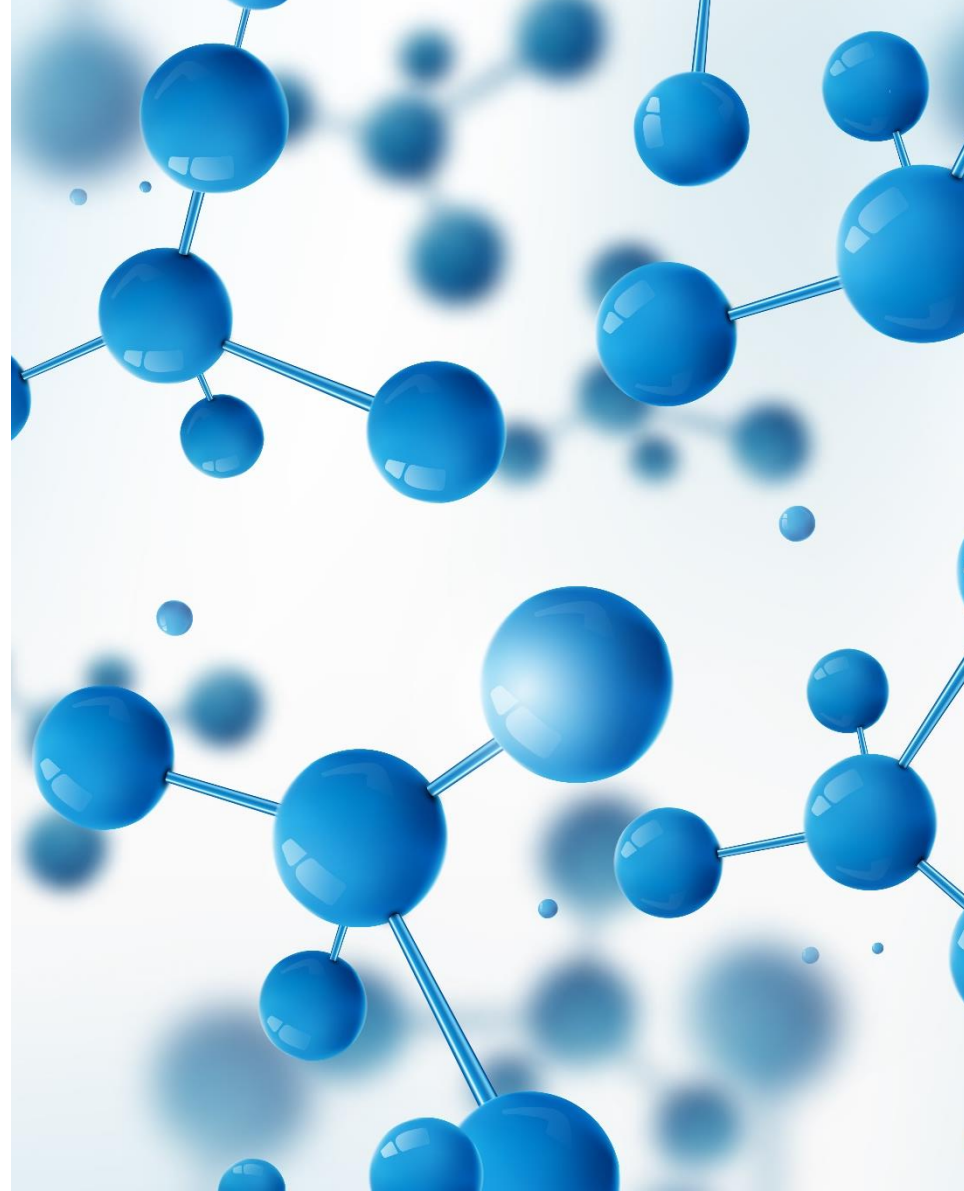
In vivo study by Contipro



ZIN (1%) in emulsion, face, 30 volunteers.
Wrinkles determined by Primos camera

Additional advantages of Zinnerine

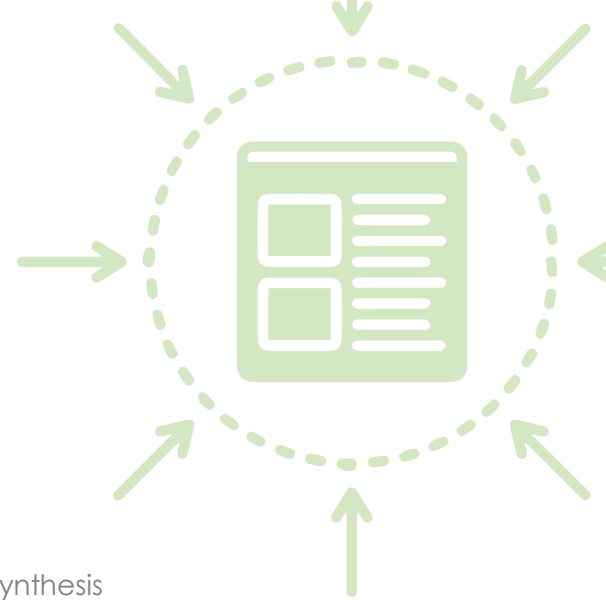
- * Safer alternative to retinol
- * Efficacy similar or better than retinol
- * Patented preparation
- * Decreases sebum production
- * Inhibits hyperkeratinization
- * Has antimicrobial activity (*Cutibacterium acnes*)



Zinnerine: Collected technical data

- **INCI name:** Aqua, Hexapeptide-2, Zinc Sulfate, Phenoxyethanol
- **Supplied form:** solution of 0,1 % hexapeptide, 0,03 % ZnSO₄ and 0,9 % phenoxyethanol in water
- **Preservative:** Phenoxyethanol
- **Samples:** 1 ml of solution
- **Minimal ordering quantity:** 1 kg
- **Recommended concentration in final products:** 0.01 – 1 % of solution (safety tests up to 10%)

- **Source:** solid phase peptide synthesis
- **Compatibility and processing:** sensitive to heat; sensitive to extreme pH; recommended pH 5,5-8
- **Solubility:** soluble in water; soluble in mixture of ethanol, isopropyl alcohol, propylene glycol and butylene glycol with water up to ratio 1:1; insoluble in non-water miscible solvents
- **Shelf-life:** 6 months (expected to be prolonged, stability studies are ongoing)



We Are Here to Help You

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