

# COLLCONPEP™-HKC

An Innovative Unique complex of Copper peptide & Collagen with other essential Bioactives for hair care

COLLCONPEP™ – Is a Unique Active Complex developed by Helixion Biosciences to give customers a unique blend of Active Complex with enhanced Bio-absorption using specific Nano-peptides for Skin & Hair care.



## COLLCONPEP™- For Hair Care

Enhanced with Keratin Nano- Peptides and Selenium enriched Postbiotics

**INCI** : Aqua, Hydrolyzed-Marine Collagen, Bifida Ferment Lysate , Hydrolyzed Keratin (Nano-Peptides) , Biotin, Iron(III) oxide , Brassica Nigra Seed Extract, Selenium( Natural), Copper Tripeptide, Phenoxyethanol (and) Ethylhexylglycerin, Potassium Sorbate.

## PRODUCT SPECIFICATIONS

### COLLCONPEP™-HKC (FOR HAIR CARE)

COLLCONPEP™-HRC			
Test	Unit	Specification	Method of Analysis
Appearance		Greenish Liquid	Visual
Odour		Characteristic	Sensory (Smell Test)
pH Value		8-10	IS 4309:1979
Density	g/ml	0.9-1.1	IS 4730:1994
Collagen	%	20% max	IS 13815:2009 ISO 2173:2003 (Confirmation of Total Solids 28%)
Keratin Nano Peptides	%	2-3%	
Biotin	%	5% max	
Selenium	mcg/100gm	1-2	
Iron	mcg/100gm	1-2	
Copper Peptides	%	0.20% max	
<b>Heavy Metals</b>			
Lead	ppm	Max. 2	IS 3025
Arsenic	ppm	Max. 0.5	IS 6608/IS 2088
Mercury	ppm	Max. 0.1	IS 12041
Cadmium	ppm	Max. 0.2	IS 3025

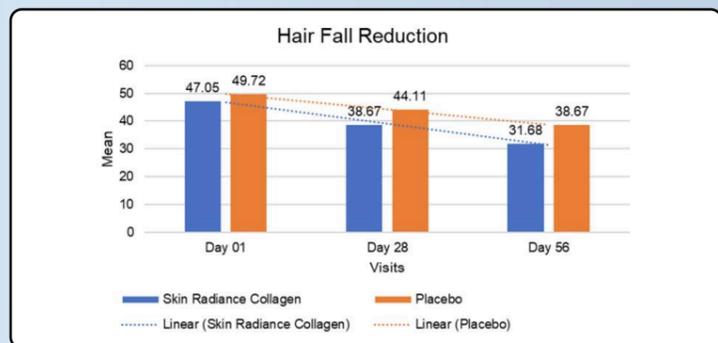
## Hair Care Benefits

- A comprehensive amalgamation of proven actives for a holistic hair & scalp care to luscious and healthy locks.
- The blend helps improve hair growth and elasticity, increase the hair volume by strengthening the hair follicles and keeping them moist
- Helps hair grow by stimulating the body's production of keratin, the protein that makes up hair, and contributes to hair resilience and repair.
- Relieves itching and flaking of the scalp and removes the dry, scaly particles thus promotes healthy hair and scalp.

## Scientific Study References

### Collagen for Hair Care

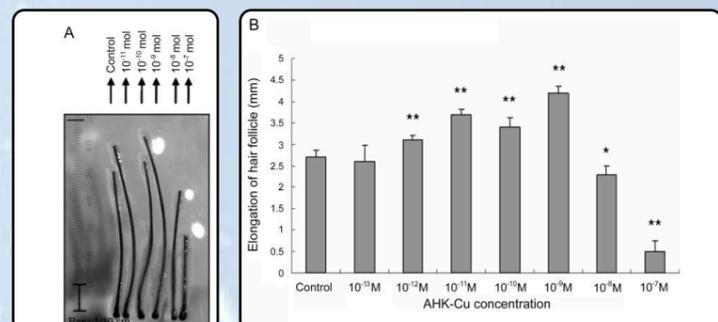
(Clinical, Cosmetic and Investigational Dermatology 2024;17 581–591)



Treatment with SRC was significantly effective in reducing hair fall after 56 days of treatment usage with a p-value <0.01. Overall, 28% hair fall reduction was seen on Day 56 from baseline in SRC group (p-value <0.01) when compared to 7.24% reduction observed in subjects who received placebo as the treatment. Moreover, the test treatment improved hair strength as compared to baseline, but the change was not significant.

### Copper Peptide for Hair Care

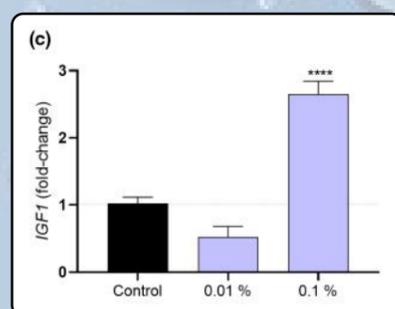
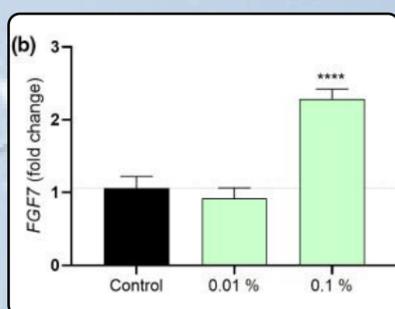
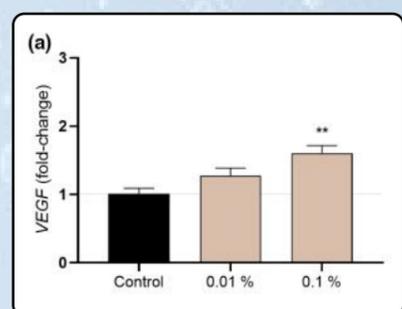
(Arch Pharm Res Vol 30, No 7, 834–839, 2007)



AHK-Cu stimulated the elongation of human hair follicles ex vivo After 12 days of organ culture, the length of human hair follicles in the 10<sup>-12</sup>-10<sup>-9</sup> M AHK-Cu treated group were significantly increased compared with the vehicle-treated group.

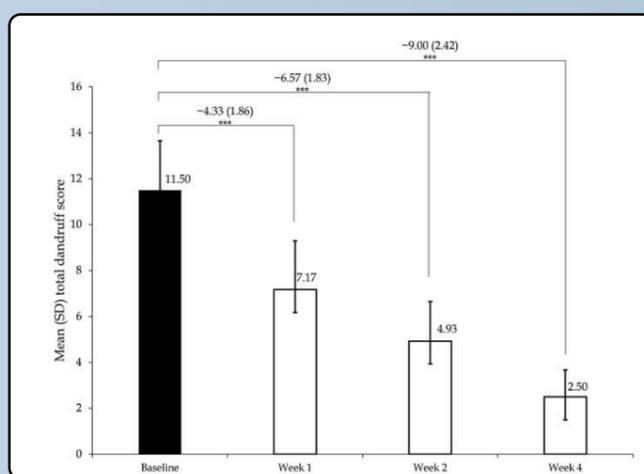
### Biotin for Hair Care

(Int J Cosmet Sci. 2024;46:119–129.)



### Selenium for Hair Care

( 2024 Godse et al. Cureus 16(3): e57148. DOI 10.7759/cureus.57148)



### Reduction in dandruff scores

The above figure shows the mean (SD) total dandruff score at baseline and follow-up visits at weeks 1, 2, and 4. The mean (SD) score decreased by 4.33 (1.86), 6.57 (1.83), and 9.00 (2.42) from baseline to weeks 1, 2, and 4, respectively (p=0.001). Thus, there was a decrease of 37.7%, 57.1%, and 78.3% in dandruff scores at weeks 1, 2, and 4, respectively, indicating a significant reduction in dandruff with regular use of the 2.5% selenium sulfide shampoo.



Recommended Dosage: 1-5%

Shelf Life: 2 Years from the date of Manufacturing.

Storage Conditions: In HDPE Cans , store in Cool Dry place under ambient conditions away from sunlight

<https://helixionbiosciences.in>  
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