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(57) Abstract :

The herbal nanotechnology hair mask composition includes an oxidized curd nanocomposite, copper nanoparticles, and herbal extracts. The oxidized curd nanocomposite, comprising 40% to 70% by weight, serves as a carrier base, providing lactic acid and proteins to nourish the scalp. Copper nanoparticles, ranging from 0.01% to 0.5% by weight, stimulate angiogenesis and improve microcirculation. Herbal extracts, making up 5% to 20% by weight, offer anti-inflammatory effects and strengthen hair strands. Additional components may include natural oils, stabilizers, natural preservatives, and water to achieve desired consistency. The composition can be applied to the scalp to promote hair growth and improve scalp health, with recommended use once a week for at least a month.

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