

Sodium Copper Chlorophyllin: Reliable PlantDerived Green Color & Functional Ingredient



Xian, Shaanxi Oct 15, 2026 ([Issuewire.com](https://www.issuewire.com)) - Consumers worldwide are shifting away from synthetic artificial dyes toward clean-label, plant-sourced ingredients. **Sodium Copper Chlorophyllin** stands out as one of the most trusted watersoluble green colorants derived from natural plant chlorophyll. By replacing the central magnesium atom of native chlorophyll with copper via a controlled manufacturing process, this seminatural derivative gains outstanding water solubility, heat and light stability that raw

chlorophyll cannot deliver. It appears as darkgreen fine powder, with strong tinting strength, widely adopted in food, beverage, dietary supplement, oral care and cosmetic formulations globally.

What is Sodium Copper Chlorophyllin?

Sodium Copper Chlorophyllin is a stabilized watersoluble chlorophyll derivative extracted from plant leaf raw materials. Natural native chlorophyll is oilsoluble and easy to fade under light and heat, which limits industrial usage. After saponification and copper complex modification, sodium copper chlorophyllin becomes fully water-soluble, showing bright emerald-green color at low dosage. We supply high-purity 99% Sodium Copper Chlorophyllin, standard grade meets high absorbance specification ($E1\%1\text{cm} \geq 560$), tested by spectrophotometer, foodgrade compliant, available in multiple specifications for different industry requirements.

Core Functional Properties

- 1. Powerful natural coloring performance:** High tinting capacity, delivers stable natural green shade; small addition can achieve ideal visual effect, helps brands realize cleanlabel formula without synthetic green dyes.
- 2. Antioxidant activity:** Neutralize free radicals, help reduce oxidative stress in finished products, support formula stability.
- 3. Deodorizing property:** Wellknown for odorneutralizing effect, popular for oral care and supplement applications.
- 4. Skin-friendly calming effect:** Gentle for aqueous cosmetic systems, supports balanced skin microenvironment in topical formulations.

Main Application Areas

- **Food & Beverage (E141(ii) approved)** Functional drinks, fruit beverages, confectionery, chewing gum, icecream, baked goods, canned vegetables. Perfect for cleanlabel consumer products seeking natural green color.
- **Dietary Supplements** Tablets, capsules, powder drink mixes. Widely used for antioxidant and internal deodorantpositioned supplement formulas in North America, Europe and Southeast Asia markets.
- **Oral Care** Toothpaste, mouthwash, oral gels, bringing natural green tone together with deodorizing function.
- **Cosmetics & Personal Care** Waterbased serums, masks, toners, acnecare products. Compatible with most waterbase cosmetic systems.
- **Pharmaceutical intermediate** Used for external preparation raw material following pharmacopeia requirements.

Why Choose Our Sodium Copper Chlorophyllin?

High-purity 99% & stable color performance & strict quality control We select highquality plantsourced starting material. Offer premium 99% highpurity grade. Every batch is tested for purity, absorbance value, heavy metals, microbes and loss on drying. Powder shows good flowability, low impurity, stable color between batches. Avoid color shift and fading trouble for your downstream production.

Full compliance documents for global export Complete COA, MSDS, specification sheet available. Support HALAL, KOSHER documents. Meets E141(ii), FDA 21CFR and GB2760 standards, suitable for EU, North America, Southeast Asia import registration review, help you reduce compliance risks in crossborder business.

Multi-grade & flexible service Foodgrade, cosmeticgrade available. Provide free sample for your formula trial. Flexible MOQ, ready stock for fast leadtime. Our technical team offers formulation reference and dosage suggestion for different enduse scenarios.

Traceable production system Standardized manufacturing process, full production traceability. Strictly control heavy metal and residual indicators. Serve food factories, cosmetic producers, supplement manufacturers worldwide.

Get In Touch

If you are sourcing premium 99% Sodium Copper Chlorophyllin raw material, feel free to contact us for samples, detailed specification and quotation. We deliver tailored ingredient solutions to help you build more competitive cleanlabel finished products.

contact us?

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