

## Chlorophyllin (Sodium Copper Chlorophyllin)

### Extract Information

This extract is obtained from fresh spinach.

**CAS:** 11005-34-1

**Molecular Formula:**  $C_{34}H_{31}CuN_4Na_3O_6$  **Molecular Weight:** 724.15



Product Name	Chlorophyllin
<b>Synonym</b>	Sodium Copper Chlorophyllin, Chlorophyllin
<b>Part Used</b>	Leaf
<b>Color/Form</b>	Bright green powder
<b>Grade</b>	Pharmaceuticals, Cosmeceuticals, Herbal medicines
<b>Storage</b>	Store in a clean, cool, dry area. Keep away from direct sunlight.
<b>Shelf Life</b>	24 months when properly stored.

### Biological Activity

1. Chlorophyllin has been used in alternative medicine as an aid to reduce the odor of urine or feces related to a colostomy, ileostomy, or incontinence.
2. Highly soluble in water and hence used as a colorant in dietary supplements and personal care products.
3. Chlorophyllin has demonstrated antioxidant effects, and may decrease oxidative damage induced by chemical carcinogens and radiation.
4. It is also indicated effective in wound healing.
5. It also has potential as an acne treatment
6. It is also beneficial in treating hemoglobin deficiency disorders, such as anemia and thalassemia.