

# Technical Data Sheet

## SFG Chlorophyllin-Cu

Chlorophyllin-Copper Complex  
CAS# 11006-34-1

### Description

SFG Chlorophyllin-Cu can help prevent bleeding from the gums and get rid of bad breath.  
It can be also applies natural green colorant.

### Specifications – USP42

Item	Specification
Characteristics	Dark green fine powder
Absorptance	≥ 568
Assay (%)	≥ 100
Ratio ( $A_{405}/A_{630}$ )	3.0 ~ 3.9
Content of total copper (%)	≥ 4.25
Content of chelated copper (%)	≥ 4.0
Content of sodium (%)	5 ~ 7
Nitrogen determination (%)	≥ 4.0
Limit of ionic copper (%)	≤ 0.25
Residue on ignition (%)	≤ 30
Arsenic (ppm)	≤ 3
Lead (ppm)	≤ 10
Iron (%)	≤ 0.50
Total plate count (cfu/g)	≤ 1000
Yeast (cfu/g)	≤ 100
Mould (cfu/g)	≤ 100
Salmonella	Absence
E.Coli.	Absence
pH (1% aq. soln.)	9.5 ~ 10.7
Loss on drying (%)	≤ 5.0
Test for fluorescence	No fluorescence is visible

**Storage** Preserve in tight, light-resistance containers.

**Shelf Life** 2 years