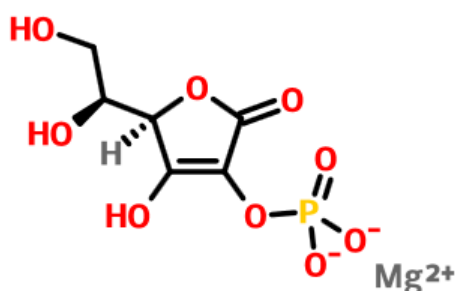


Technical Data Sheet

SinoWhite MAP

Magnesium Ascorbyl Phosphate

CAS# 113170-55-1



Mol. wt. 278.393

Formula C₆H₇MgO₉P

Description

SinoWhite MAP is a kind of water soluble skin lightening additive. It is stable, non-poisonous, non-irritant and superior grade additive in modern functional whitening cosmetics.

Specifications

Item	Specification
Appearance	White to pale yellow powder
Color (APHA, 3% aq. solution)	≤ 70
pH (3% aq. solution)	7.0 ~ 8.5
Specific optical rotation [α] _D ²⁰ (°)	+43.0 ~ +50.0 (C=3)
Assay (%)	≥ 98.50
Water content (%)	≤ 20
Chloride (%)	≤ 0.35
Free ascorbic acid (%)	≤ 0.5
Free phosphoric acid (%)	≤ 1.0
Heavy metal (ppm, Pb)	≤ 20
Arsenic (ppm, As)	≤ 2
Total bacteria (CFU/g)	≤ 30

Characteristics

- It inhibits the activity of tyrosinase, with a whitening effect of spots eliminating.
- It can scavenge free oxygen radicals when it enters into the body, with the function of anti-aging and wrinkles eliminating.
- It stimulates collagen synthesis and strengthen immune system of skin.
- It has a synergistic action with vitamin E.
- It is stable, and not easy to be discolored.
- It is non-poisonous and non-irritant.

Applications

The recommendatory volumes of usage: 3 ~ 15%

Shelf Life 2 years