



Technical Data Sheet

Sodium Ascorbyl Phosphate

INCI Name: Sodium ascorbyl phosphate

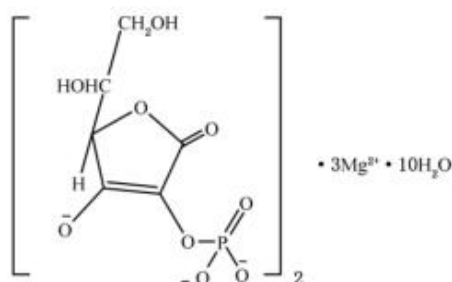
Chemical name: Sodium L-Ascorbic acid -2-phosphate

CAS: 66170-10-3

MF : C₆H₆Na₃O₉P

MW : 322.1

Structure :



Properties: It is a kind of vitamin C derivative with stable physical and chemical properties, soluble in water, propylene glycol, glycerol, and almost insoluble in ethanol.

Specification:

Test Item	Test standard
Appearance	White to pale yellow powder
Assay	≥ 95.0%
Active Content	≥ 45.0%
pH (3% water solution)	8.0-11.0
Water	≤ 11%
Heavy metals	≤ 20ppm
As	≤ 2ppm
Pathogen	Bacteria: ≤300cfu/g Fungus: ≤100cfu/g

Application: As derivative of ascorbic acid (vitamin C), sodium ascorbyl phosphate can rapidly digested by phosphatase to free ascorbic acid in the human body, and is stable. Therefore, sodium ascorbyl phosphate can play the function of ascorbic acid, and overcome the shortcoming. Sodium ascorbyl phosphate is used for nutritional supplement, feed additive, antioxidant and cosmetics whitening additive.

Package: NW 1kg/bag or 25 kg/ fiber drum .

Storage: It is sealed for storage, away from damp and heat.

Shelf life: 2 year