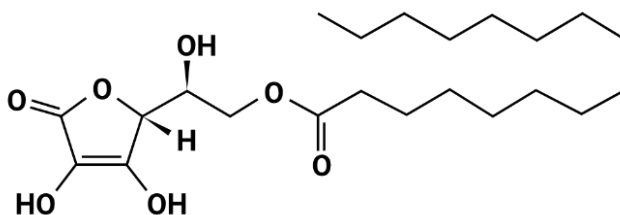


Technical Data Sheet

SinoWhite AP

Ascorbyl Palmitate

CAS# 137-66-6



Mol. wt. 414.54

Formula C₂₂H₃₈O₇

Description

SinoWhite AP is an ester formed from ascorbic acid and palmitic acid. It is stable oil-soluble form of Vitamin C. When applying it in skincare products, it can protect the skin from free radicals, decrease hyperpigmentation and boost the production of collagen. Due to its structure, it is more stable when exposed to air and light compared to ascorbic acid.

Specifications

Item	Specification
Appearance	White or yellowish white powder
Assay (%)	98.0 ~ 100.5
Identification	Meets the requirement
Specific rotation (°)	+21.0 ~ 24.0
Loss on drying (%)	≤ 1.0
Sulphated ash (%)	≤ 0.1
Residual solvents (%)	≤ 0.5
Melting Point (°C)	107 ~ 117
Residue on ignition (%)	≤ 0.1
Heavy metals (Pb) (ppm)	≤ 10
Arsenic (ppm)	≤ 1
Cadmium (ppm)	≤ 1
Mercury (ppm)	≤ 0.1
Conforms to USP/BP/EP	

Application

It can be applied to various kinds of cosmetics like skin care, cleansing, sun care, body care, hair care and color cosmetics, etc.

Storage

Store in a cool and dry place. Keep container closed when not in use.

Shelf Life

2 years