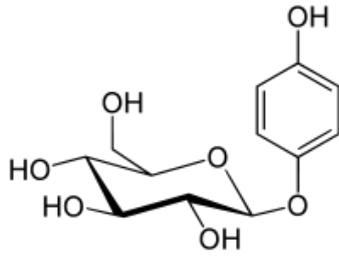


Technical Data Sheet

SinoWhite ABT

Arbutin
CAS# 497-76-7



Mol. wt. 272.25
Formula C₁₂H₁₆O₂

Feature

- Skin Whitening
- Anti-Oxidant
- UV Protection

Description

SinoWhite ABT has superior efficacy in UV protection whitening and anti-oxidant. And its advanced biotechnology provides excellent stability. It inhibits the activity of tyrosinase and also prevents the formation of melanin.

Specifications

| Item | Specification |
|-------------------------------|---|
| Appearance | White crystalline powder |
| Assay (%) | Min. 99.5 |
| Melting point (°C) | 198.5 ~ 201.5 |
| Clarity of water solution | Transparency, colorless, Non suspended matters |
| pH (1% aq. Soln.) | 5.00 ~ 7.00 |
| Specific optical rotation (°) | $[\alpha]_D^{20} = -66 \pm 2$ |
| Hydroquinone (ppm) | Max. 10 |
| Heavy metal (ppm) | Max. 10 |
| Arsenic (ppm) | Max. 2 |
| Loss on drying (%) | Max. 0.5 |
| Residue on ignition (%) | Max. 0.5 |
| Bacteria Pathogen (CFU/g) | Max. 300 |
| Fungus Pathogen (CFU/g) | Max. 100 |

Applications

Due to its properties, such as skin whitening & anti-oxidant, SinoWhite ABT is applied to skin care cosmetics and also can be used in soap products.

Storage

Spill/Leaks vacuum or sweep up material and place into a suitable disposal container. Keep container tightly closed. Store in cool and well ventilated storehouse. Store protected from heat, oxidizer and food additive.

Shelf life

2 years