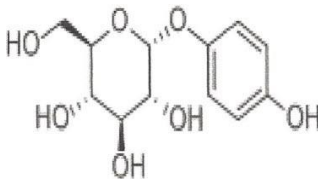


Technical Data Sheet

www.satcotek.com

SAT-AA-1001

Alpha-arbutin

Trade Name	SAT-AA-1001
Common Name	Alpha-arbutin
Chemical Name	(2R,3S,4S,5R,6S)-2-Hydroxymethyl-6-(4-Hydroxyphenoxy) oxane-3,4,5,-triol
Synonyms	4-hydroquinone-alpha-d-glucopyranoside
CAS No.	84380-01-8
EINECS No.	440-470-8
Empirical Formula	C ₁₂ H ₁₆ O ₇
Molecular Structure	
Characteristics	White crystalline powder
Solubility	Dissolved in ethanol, 1,3-butanediol. Do not dissolved in water
Specification	Cosmetic grade
Category	Personal care products, Skin whitening products
Functions	Skin whitening agent
Features	SAT-AA-1001 (Alpha Arbutin) is a type of hydroquinone glucoside with a 1-glucosyl bond. It is a functional ingredient for skin lightening. Alpha-arbutin inhibits the enzyme tyrosinase, so that the color pigment melanin is only produced to a small extent.
Applications	Skin lightening cosmetics, Personal care products
Typical Dosage	1% - 3%
Packing	1kg aluminum foil bag