



**TOPSCIENCE 众山**



# Alpha-Arbutin

Material Submission Code:  
001005-00507-5669

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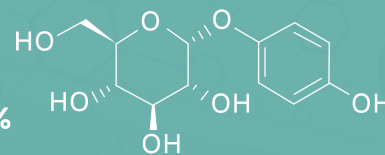


INCI Name: ALPHA-ARBUTIN

MOLECULAR WEIGHT: 272.25

MOLECULAR FORMULA:  $C_{12}H_{16}O_7$

RECOMMENDED DOSAGE: 0.5%~2%



## PRODUCT FEATURE



Alpha-Arbutin is considered to be one of the most effective and safe lightening ingredients in the world and its stability and durability far surpass  $\beta$ -arbutin.



In the whole process of reaction, hydroquinone is never generated. It has no side effects of cytotoxicity, irritation and anaphylaxis.



It has the effects of moisture, healing wounds, sterilization and anti-inflammation.



## PRODUCT ADVANTAGE

	$\alpha$ -Arbutin	$\beta$ -Arbutin
Photostability	Good	Bad
Hydrolytic Stability	Good	Bad
Tyrosinase Inhibition	Strong	Weak
Short-term Whitening	Strong	Weak
Spot Removing	Strong	Weak
Hydroquinone Residue	No	Yes
Side Effects after Long-term Use	No	Yes



## APPLICATION

Facial mask, lotion, cream, and other skincare products.



## PACKAGE AND STORAGE

1. 1kg/bag, or customized package. Pharmaceutical low-density polyethylene (LDPE) bag with outer aluminum foil bag.
2. In an airtight container, protected from light and humidity, 2-8°C.