



TOPSCIENCE 众山



Alpha-Arbutin

**Material Submission Code:
001005-00507-5669**

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

MOLECULAR WEIGHT: 272.25

RECOMMENDED DOSAGE: 0.5%~2%

PRODUCT FEATURES



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 β -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 ADVANTAGES

| | α -Arbutin | β -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 |

APPLICATIONS

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.