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Updated: 11/2/2018

## Alpha-Arbutin

### Specification Sheet

**Description:** Alpha-arbutin (4-hydroxyphenyl-D-lucopyranoside) is a synthetic and functional active ingredient for skin lightening. Biosynthetic ingredient, derived from bearberry. Crystalline, white powder. Water-soluble. Stable in the pH range from 3.5-6.5.

**CAS:** 84380-01-8

**INCI Name:** Alpha-arbutin

**Benefits:**

- Promotes skin lightening and an even skin tone on all skin types
- Reduces the degree of skin tanning after UV exposure
- Helps to minimize the appearance of liver spots

**Use:** Recommended concentration 0.2-2%, add to water phase of formula, best results use product containing alpha-arbutin for at least 2-3 months. For external use only.

**Applications:** All kinds of skin-lightening products including lotions, creams, makeup products.

**Country of Origin:** Switzerland

**Raw material source:** Hydroquinone, dextrine

**Manufacture:** Alpha-arbutin is produced by reacting hydroquinone and dextrine (a sugar) with a glycosylating enzyme.

**Animal Testing:** Not animal tested

**GMO:** GMO-free but not certified

**Vegan:** Does not contain animal-derived components