



Caribbean Natural Products Inc.

Unique and Exotic Cosmetic Materials
for Hair, Skin, Body and Soul

Product Data Sheet

Trade Name: Arbutin
INCI Name: Arbutin
CAS Numbers(s): 497-76-7
Description: Arbutin is a glycosylated benzoquinone extracted from the bearberry plant. It inhibits tyrosinase and thus prevents the formation of melanin. Arbutin is therefore used as a skin-lightening agent.

<i>Test</i>	<i>Specification</i>	<i>Results</i>
Appearance		Whitish powder
Melting point		199.0 – 201.0 °C
pH value (1% solution)		5.0 – 7.0
Specific rotation		-64° to -66° (C=3)
Loss on drying		Less than 0.5%
Hydroquinone		None
Heavy metals (Pb)		Not more than 20 ppm
Arsenic		Not more than 2 ppm
Assay (by HPLC)		Not less than 99.5%
Total bacteria		Not more than 50/gram
Conclusion		Conforms to standard

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