



TECHINICAL DATA SHEET

Product name	ALPHA ARBUTIN
Description	An a-glucoside water soluble biosynthetic active ingredient. Ensures an even and lighter skin tone, reduces liver spots and the degree of skin tanning after UV exposure. Alpha Arbutin blocks melanin biosynthesis by inhibiting enzymatic oxidation of Tyrosine and Dopa.
INCI	Alpha-Arbutin
CAS	84380-01-8
MW	272.25
Activity (Wt. %)	99.5% Min
Form & Appearance	White, microcrystalline powder
Melting Point	198 - 207°C
Hydroquinone	None detected
Solubility	Soluble in Water, Alcohol
Transparency in Water	Transparent colourless no suspension
Recommended Usage	0.5 – 2.0%
pH (1% in H2O)	5.0 – 7.0
Stability	Stable against hydrolysis between 3.5 – 6.5
Temperature Stability	Up to 40°C
Storage	Store at room temperature, keep sealed and away from light.
Expiration/Shelf life	2 years

Limited Warranty Information - Please Read Carefully:

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