



α - Arbutin

INCI name:	Alpha-Arbutin
Chemical description:	4-hydroxyphenyl-D-Lucopyranoside
Tradename:	Alpha Arbutin
Application:	Cosmetic
Packaging:	in bags
Filling quantity:	1 kg/bag 5 kg/bag Special packaging upon request
Shelflife:	up to 2 years not opened
Storage conditions:	dry and cool avoid direct sunlight and heat



Product Spezification α - Arbutin

Test	Specification	Batch No. 20140304
Appearance	white needle crystal or crystalline powder	conforms
Assay	$\geq 99.5 \%$	99.9 %
Loss on drying	$\leq 5 \%$	0.12 %
Residue on Ignition	$\leq 0.5 \%$	0.05 %
Specific Rotation [a] D ²⁰	+175 ° - +185 ° C	+177.6 ° C
Clarity of water solution (1 %)	transparent colories none suspended	conforms
Ph	5.0 ~ 7.0	5.85
Melting point	202 ° - 210 ° C	205.3 ° C
Microbiological tests		
Hydroquinone	negative	negative
Lead	$< = 10 \text{ mg/kg}$	conforms
Arsenic	$< = 2 \text{ mg/kg}$	conforms
Mercury	$< = 1 \text{ mg/kg}$	conforms
Methanol	$< = 2000 \text{ mg/kg}$	$< 1000 \text{ mg/kg}$
Aerobic Bacterial	$< = 1000 \text{ cfu/g}$	conforms
Molds and Yeast	$< = 100 \text{ cfu/g}$	conforms
Fecal Coliforms	negative	negative
Pseudomonas Aeruginosa	negative	negative
Staphylococcus aureus	negative	negative