

Product: Alpha - Arbutin

Items	Specification
Assay % (HPLC,area)	≥99.95
Hydroquinone ppm	Negative
Description	White or white-like crystalline powder
Melting Point °C	202.0-207.0
Specific Rotation	$[\alpha]_D^{20} = +174.0^{\circ} \sim +186.0^{\circ}$
Infra-red peak value	1514cm-1 1229cm-1 1215cm-1 1059cm-1 1034cm-1
Solubility	Soluble in water slightly soluble in ethanol
Clarity	Solution should be clarify, none suspended matters
PH (1% of aqueous)	5.0~7.0
Loss on drying %	≤0.5
Residue on ignition %	≤0.5
Heavy metals ppm	≤10
Arsenic ppm	≤2
Total Plate count cfu/g	≤100
Yeast & mold cfu/g	≤50
E.coli	Negative
Staphylococcus aureus	Negative
P.aeruginosa	Negative
Storage	Keep in a cool place protected from light and humidity for long time storage.
Shelf life	2 years