



ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

Material Name	Alpha-Arbutin	Batch No.	20221108
Package:	1 kg/bag	Mfg Date	November-2022
Standard:	In-house Standard	Exp Date	November-2027
Manufacturer	China		

S. No.	Test Parameter	Specification	Result
1	Appearance	White Crystals or crystalline powder, IR Spectrum conforms	Confirm
2	Loss on Drying	<0.5%	0.06%
3	Residue on Ignition	<0.5%	0.05%
4	Melting Point	202~ 210-C	206.2
5	Clari.ty of water solution (1 %)	Transparent,colorless,none suspended matters	Conform
6	PH of 1 % aqueous solution	5.0 ~7.0	6.45
7	Specific optical rotation	(a) D20 = +175 ~+185 •	178.7"
8	Hydroquinone	Negative	Confonn
9	Heavy metal(Pb)	< 10ppm	Confonn
10	Arsenic	<2ppm	Confonn
11	Mercury	<1ppm	Confonn
12	Methanol	<2000ppm	Confonn
13	Aerobic Bacterial Couat(cfu/g)	<1000ppm	Confonn
14	Molds and Yeast Count(cfu/g)	<100ppm	Confonn
15	Fecal coliforms	Negative/g	Confonn
16	Pseudomonas Aeruginosa	Negative/g	Confonn
17	Assay(HPLC,%)	<9.5%	99.21%

Chemical Name : Alpha-Arbutin

CAS Number :

Approved By

Opinion: The sample Complies with prescribed standard of quality with respect to above tests.

