

Certificate of Analysis

Batch No.	20111226A
P.O No.	1071
Quantity:	30kgs
Manufacturing Date:	Dec.26,2011
Expiry Date:	Dec.25,2014
Date of Analysis:	Dec.28,2011

Beta-Arbutin

Items	Standards	Results
Appearance	White crystalline powder	Complies
Odor	Characteristic	Complies
Assay (HPLC)%	99.0min	99.61
Mesh	100% pass 80 mesh	Complies
Solubility	Soluble in water	Complies
Loss on drying %	MAX 2.0	0.65
Ash %	MAX.1.0	0.52
Heavy metals PPM	MAX.10	Complies
As AAS	<2ppm	Complies
Pb	<1ppm	Complies
Cd	<1ppm	Complies
Microbiology	<1000cfu/g	140 cfu/g
Total Plate Count	<100cfu/g	10 cfu/g
Yeast & Mold	Negative	Complies
E.Coli	Negative	Complies
S. Aureus	Negative	Complies
Salmonella		
Conclusion	Conforms to standard	Complies