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Certificate of Analysis

Product Name:	Beta Arbutin	Manufacture Date:	27 th , Nov, 2024
Test Date:	28 th , Nov, 2024	Batch No:	Sj20241127
Batch Quantity:	1200 Kg	Expiration Date	26 th , Nov, 2026

Items	Specification	Result
Appearance	White crystalline powder	Conform
Assay(HPLC)	≥99.0%	99.60%
Melting point	199 ~ 202(±0.5)	201
PH value	5.0 ~ 7.0	6.5
Clarity of water solution	Transparent and colorless	Conform
Light transmittance	≥98.0% (1% water solution)	98.9%
Specific optical rotation	-63~-67	-66
Loss on drying	<0.5%	Conform
Arsenic	<2 ppm	Conform
Total Heavy metal	<10 ppm	Conform
bacterial colony	Bacteria count<300CPU Fungus<100CPU	Conform

Storage	Store in cool & dry place
Shelf life	24 months properly stored

Quality Assurance Officer: XiaoLiang Li

Analyst: Li He