



Certificate of Analysis

Product Name	Alpha-arbutin	Manufacture Date	Sep.13.2023
Batch Number	SW230913	Analysis Date	Sep.14.2023
Batch Quantity	300kg	Expiry Date	Sep.13.2025

ANALYSIS	SPECIFICATION	RESULT
Appearance	White crystalline powder	Complies
Assay	≥99%	99.8%
Melting point	203~206±1℃	204.6~205.5
Clarity of water solution	Transparency,colorless,none suspended matters	Complies
pH value of 1% aqueous solution	5.0~7.0	5.6
Specific optical rotation	[α] _{D20} =+176~184°	+179
Hydroquinone	≤10ppm	Complies
Heavy metal	≤10ppm	Complies
Loss on drying	≤1.0%	0.10%
Ignition residue	≤0.5%	Complies
Total bacterial count	≤1000 cfu/g	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Mold&Yeast	≤100 cfu/g	Complies

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 方琼

