

CERTIFICATE OF ANALYSIS

Product Name:	Alpha Arbutin	INCI Name:	ALPHA-ARBUTIN
Batch No.:	ZYSW20230216	Manufacture Date:	2023-02-23
CAS No.:	84380-01-8	Expired Date:	2025-02-22
Standard:	Enterprise Standard	Test Qty:	50g

Analysis Items	Specification	Result
Assay	≥99.5%	99.95%
Appearance	White fine powder or crystals	Complies
Melting Point	202-210 (±0.5) °C	205.3-206.2°C
Specific Optical Rotation	[α] _{D20} = +174.0°~+186.0°	+180.03°
Transmittance	95%	99.3%
Solubility	Soluble in water, alcohol	Complies
Transparency in water	Transparent colorless no suspended	Complies
PH (1% water solution)	5.0-7.0	6.2
Loss on drying	≤0.5%	0.02%
Sulphated ash	≤0.5%	0.03%
Heavy metals	≤10ppm	Complies
Arsenic	<1ppm	Complies
Plumbum	<2ppm	Complies
Total Plate count	<1000cfu/g	Complies
Yeast & mold	<100cfu/g	Complies
Escherichia coli	Negative	Complies

Conclusion: This product meets enterprise standard.

Packing: Packed in paper-drums and two plastic-bags inside

Storage:Store in a well-closed container away from moisture,direct light and heat.

Inspector:Liuqiang

Reexamining:Zhangguangchao

Verification:Miaoyu

