



CERTIFICATE OF ANALYSIS

Product name	Beta Arbutin	Specification	Company Standard
Batch Number	LYPH220917	Manu. Date	2022-09-17
Batch Size	550KG	Report Date	2022-09-18

Item	Specification	Result
Appearance	White powder	Conforms
Identification	Positive	Conforms
Melting Point	199-201(±0.5)°C	200.4-200.7°C
PH(1% water solution)	5.0-7.0	6.0
Assay(HPLC)	≥99.5%	99.5%
Specific Optical Rotation	[α] _{D20} = -64°~ -66.0°	-65°
Loss on drying	≤0.5%	0.2 %
Hydroquinone	≤20mg/kg	0.4mg/kg
Mercury(Hg)	≤1mg/kg	0.3mg/kg
Lead(Pb)	≤40mg/kg	2mg/kg
Arsenic(As)	≤10mg/kg	1mg/kg
Total Plate count	≤300cfu/g	80cfu/g

Conclusion	This sample meets the specifications.
Storage Condition	Preserve in tight containers at controlled room temperature .
Shelf Life	2 Years when properly stored

Quality Assurance Officer: 董文华

Corrector: 李丽

Analyst: 贺强

