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V2.01-2021

Certificate of Analysis

Product Information

Product Name	α -Arbutin (Arbutin Powder)		
CAS No.	84380-01-8	Report Number	AAL20210140
Batch Number	AAL210115	Manufacture Date	2021/01/15
Batch Quantity	1000Kg	Expiry Date	2023/01/14

Test Items	Test Standard	Test Result
Appearance	White Crystal Powder	Conforms
Odor	Characteristic	Conforms
Assay	>99.5%	99.72%
Melting Point	202~206 (± 0.5) °C	Conforms
Specific Rotation	+175°~+185°	+102°
PH(1% water solution)	5.0-7.0	6.02
Loss on Drying	$\leq 0.5\%$	0.22%
Transparency in water	Transparent colorless no suspended	Conforms
Hydroquinone	<10ppm	Conforms
Heavy Metal	<10.0mg/kg	Conforms
Arsenic (As)	<2.0mg/kg	Conforms
Total Aerobic Count	≤ 1000 cfu/g	90cfu/g
E-Coli	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus Aureus	Negative	Conforms

Conclusion

Conclusion	To be complied with in-house Specification
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明

Approved:

