

CERTIFICATE OF ANALYSIS

Product Name	Alpha-Arbutin
Product Code	AL00005
INCI Name	Alpha-Arbutin
CAS Number	84380-01-8
Lot Number	20240330
Manufacture Date	03/2024
Re-test Date	03/2026

Items	Specification	Results
Appearance	White or off-white crystal powder	Complies
Assay	≥ 99.5	99.9
Specific rotation	+175.0~+185.0 [°]	+179.0
Transmittance	≥ 95.0 [%]	99.1
Loss on drying	≤ 0.5 [%]	0.14
Ignition residue	≤ 0.5 [%]	0.06
PH value (1% solution)	5.0 ~ 7.0	6.1
Melting Point	202.0 ~ 210.0 [°C]	202.4 ~ 203.5
Hydroquinone	Negative	Complies
Lead	≤ 10 [mg/kg]	< 10
Arsenic	≤ 2 [mg/kg]	< 2
Mercury	≤ 1 [mg/kg]	< 1
Cadmium	≤ 5 [mg/kg]	< 5
Total plate count	≤ 1000 [cfu/g]	Complies
Yeast & mould	≤ 100 [cfu/g]	Complies
Fecal Coliforms	Negative	Complies
Pseudomonas Aeruginosa	Negative	Complies
Staphylococcus Aureus	Negative	Complies

Disclaimer: The details provided here are specific to the identified material and may not remain accurate if that material is combined with other substances or used in different processes. The information presented is, to the best of the company's knowledge, considered precise and trustworthy as of the date mentioned. However, the company does not make any explicit or implied assurance, guarantee, or claim regarding the information's precision, trustworthiness, or comprehensiveness, and will not be held accountable for any losses, damages, or costs, whether direct or indirect, that arise from its use. Users are encouraged to independently verify the appropriateness and thoroughness of this information for their specific purposes.

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STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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