

CERTIFICATE OF ANALYSIS

Product Name	Trehalose
Product Code	AL00374
INCI Name	Trehalose
CAS Number	99-20-7
Lot Number	20250904
Manufacture Date	09/2025
Re-test Date	09/2027

Items	Specifications	Results
Appearance	White dry loose grain or crystalline powder, no visible foreign body, sweet taste, no peculiar smell.	Conform
Assay	≥ 98.0 [%]	99.30
PH	5.0–6.7	6.42
Ignition residue	≤ 0.05 [%]	0.00
Loss on drying	≤ 1.5 [%]	0.22
Chromaticity	≤ 0.10	0
Turbidity	≤ 0.05	0
Specific rotation	+197~+201	+199
Mold and yeast	≤ 100 [CFU/g]	< 100
Total platecount	≤ 100 [CFU/g]	< 100
MPN/100g Coliforms	Negative	Negative
Salmonella	Negative	Negative
Pb	≤ 0.5 [mg/kg]	< 0.1
Fe	≤ 5 [mg/kg]	< 5
Hg	≤ 0.01 [mg/kg]	Negative
Cr	≤ 0.1 [mg/kg]	Negative
As	≤ 0.5 [mg/kg]	< 0.1

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

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.