

CERTIFICATE OF ANALYSIS

Product Name	Acetyl Glucosamine
Product Code	AL00071
INCI Name	Acetyl Glucosamine
CAS Number	10036-64-3
Lot Number	20240705
Manufacture Date	07/2024
Re-test Date	07/2026

Items	Specification	Results
Appearance	White Crystalline Powder	White Crystalline powder
Odor	Characteristic	Characteristic
Assay	98.0 ~ 102.0%	99.9%
pH (2%)	6.0 ~ 8.0	6.3
Specific Rotation (25°C)	+39.0° ~ +43.0°	+40.6°
Loss on Drying	≤ 0.50%	0.21%
Residue on Ignition	≤ 0.50%	0.01%
Chloride	≤ 0.50%	0.05%
Iron	≤ 10ppm	< 10ppm
Melting Point	196°C ~ 205°C	201.2°C
Lead	≤ 10mg/kg	< 10mg/kg
Arsenic	≤ 1mg/kg	< 1mg/kg
Mercury	≤ 1mg/kg	< 1mg/kg
Cadmium	≤ 5mg/kg	< 5mg/kg
Total plate count	≤ 1000 cfu/g	Complies
Yeast & mould	≤ 100 cfu/g	Complies
Conclusion	Conforms	Complies

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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