

CERTIFICATE OF ANALYSIS

Product Name	Pullulan
Product Code	AL00215
INCI Name	Pullulan
CAS Number	9057-02-7
Lot Number	20241018
Manufacture Date	10/2024
Re-test Date	10/2026

Items	Specification	Results
Appearance	White or almost white powder	Conforms
Viscosity	50~180 [mm ² /s,10% sol.,30°C]	176
Monosaccharide Disaccharide Oligosaccharide	≤ 10 [w/%]	0.4
Total Nitrogen	≤ 0.05 [w/%]	< 0.05
Loss on Drying	≤ 6.0 [w/%]	4.9
Residue on Ignition	≤ 8.0 [w/%]	0.2
pH (10%)	5.0 ~ 8.0	5.9
Lead	≤ 1 [mg/kg]	Complies
Arsenic	≤ 2 [mg/kg]	Complies
Mercury	≤ 1 [mg/kg]	Complies
Cadmium	≤ 5 [mg/kg]	Complies
Total plate count	< 300 [cfu/g]	Complies
Yeast & mould	≤ 100 [cfu/g]	Complies
Thermotolerant coliform bacteria	None detected in 1g	Negative

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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