



Certificate of Analysis

Item	Pullulan	Batch no.	20220710-03
Total quantity	79.2kg	MFG Date	2022/07/10
Validity period	2 years	Report Date	2022/07/20

Item	Standard	Results
Character	White to off-white powder	White powder
Identification	Should meet the requirements	Complies
Viscosity(10% solution, 30°C)	100-180	128
Mono-, di, and oligosaccharides (in glucose meter)	≤10%	0.95%
Total nitrogen	≤0.05%	< 0.05%
Loss on drying	≤10%	2.35%
Heavy metals(Pb)	≤2.0 mg/kg	< 2.0
Ignition residue	≤8.0%	0.10
pH value	6.0-8.0	6.48
Total aerobic microbial count	≤100cfu/g	< 100
Mold and yeast count	≤100cfu/g	< 10