

## Certificate of Analysis

Date of Testing: 2024-12-12 16:01:08  
Date of Next Testing: 2028-12-11 16:01:08  
Product Name: **Pullulan**  
CAS Number: 9057-02-7  
Specifications & Purity:  
Lot #: L2412066  
SKU #: **P121048**  
Version: **1**  
Analysis #: **436412**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-8 (%)	6.26 %
Ignition Residue (as sulfate)	0-5 (%)	0.36 %
Total Nitrogen	0-0.05 (%)	0.01 %
Viscosity(10% in water,30°C)	15-180 (mPa·S)	139.50 mPa·S
Appearance (P121048)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass
Test as a substrate for Pullulanase	Pass	Pass



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