

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-14 11:44:38

Date of Next Testing: 2029-04-13 11:44:38

Product Name: **Pullulan**

CAS Number: 9057-02-7

Specifications & Purity:

Lot #: D2508757

SKU #: **P121048**

Version: **1**

Analysis #: **344536**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                        | Limit Values                 | Result                       |
|----------------------------------------------------------------------------------|------------------------------|------------------------------|
| Loss on drying                                                                   | 0-8 (%)                      | 3.24350 %                    |
| Total Nitrogen                                                                   | 0-0.05 (%)                   | 0.03300 %                    |
| Viscosity(10% in water,30°C)                                                     | 15-180 (mPa·S)               | 147.00000 mPa·S              |
| Ignition Residue (as sulfate)                                                    | 0-5 (%)                      | 0.16990 %                    |
| Appearance (P121048)                                                             | White to Off-White<br>Powder | White to Off-White<br>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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