

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-24 16:21:28  
Date of Next Testing: 2027-12-14 16:21:28  
Product Name: **Polyvinylpyrrolidone (PVP)**  
CAS Number: 9003-39-8  
Specifications & Purity: average Mw 58000,K29-32  
Lot #: L2518460  
SKU #: **P110607**  
Version: **1**  
Analysis #: **618748**  
Storage Temperature: Room temperature

| Parameter   | Limit Values                 | Result                       |
|---|------------------------------|------------------------------|
| pH  | 3-5                          | 3.50                         |
| Water by Karl Fischer   | 0-5 (%)                      | 2.90%                        |
| Nitrogen by Elemental Analysis  | 11.5-12.8 (%)                | 12.10%                       |
| K value   | 29-32                        | 29.20                        |
| Appearance (P110607)  | White or light yellow powder | White or light yellow powder |
| Identification  | pass                         | Pass                         |
| Infrared spectrum   | Conforms to Structure        | Conforms to Structure        |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow ,Clear,100 mg/mL | pass                         | Pass                         |



John Su  
QA & QC Manager