

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-20 10:33:43

Date of Next Testing: 2027-06-10 10:33:43

Product Name: **Polyvinylpyrrolidone (PVP)**

CAS Number: 9003-39-8

Specifications & Purity: average Mw 1300000,K88-96

Lot #: F2518133

SKU #: **P110610**

Version: **1**

Analysis #: **332115**

Storage Temperature: Store at 2-8°C

| Parameter                                 | Limit Values                 | Result                       |
|-------------------------------------------|------------------------------|------------------------------|
| Aldehydes                                 | 0-0.05 (%)                   | 0.00200 %                    |
| Nitrogen by Elemental Analysis            | 11.5-12.8 (%)                | 12.00000 %                   |
| Lead(Pb)                                  | 0-10 (ppm)                   | 10.00000 ppm                 |
| Total number of bacteria                  | 0-1000 (cfu/g)               | 10.00000 cfu/g               |
| Ignition Residue                          | 0-0.1 (%)                    | 0.10000 %                    |
| Water by Karl Fischer                     | 0-5 (%)                      | 2.30000 %                    |
| Total yeasts and molds count(TYMC)        | 0-100 (cfu/g)                | 3.26000 cfu/g                |
| Hydrazine(N <sub>2</sub> H <sub>4</sub> ) | 0-1 (ppm)                    | 0.36000 ppm                  |
| K value                                   | 88-96                        | 96.00000                     |
| PH(1.0g in 20ml Water)                    | 3-7                          | 6.20000                      |
| Carbon by Elemental Analysis              | 64.7-65.1 (%)                | 64.80000 %                   |
| Oxygen by Elemental Analysis              | 14.2-14.6 (%)                | 14.25000 %                   |
| Appearance (P110610)                      | White or light yellow powder | White or light yellow powder |



John Su  
QA & QC Manager