

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-07 10:56:30
Date of Next Testing: 2026-03-28 10:56:30
Product Name: **Polyvinylpyrrolidone**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 1300000,K88-96
Lot #: C2428228
SKU #: **P110610**
Version: **1**
Analysis #: **332115**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|------------------------------|------------------------------|
| Aldehydes | 0-0.05 (%) | 0.00 % |
| Nitrogen by Elemental Analysis | 11.5-12.8 (%) | 12.00 % |
| Lead(Pb) | 0-10 (ppm) | 10.00 ppm |
| Total number of bacteria | 0-1000 (cfu/g) | 10.00 cfu/g |
| Ignition Residue | 0-0.1 (%) | 0.10 % |
| Water by Karl Fischer | 0-5 (%) | 2.30 % |
| Total yeasts and molds count(TYMC) | 0-100 (cfu/g) | 3.26 cfu/g |
| Hydrazine(N ₂ H ₄) | 0-1 (ppm) | 0.36 ppm |
| K value | 88-96 | 96.00 |
| PH(1.0g in 20ml Water) | 3-7 | 6.20000 |
| Carbon by Elemental Analysis | 64.7-65.1 (%) | 64.80 % |
| Oxygen by Elemental Analysis | 14.2-14.6 (%) | 14.25 % |
| Appearance (P110610) | White or light yellow powder | White or light yellow powder |



John Su
QA & QC Manager