

Certificate of Analysis

Date of Testing: 2024-09-04 16:40:07
Date of Next Testing: 2026-08-25 16:40:07
Product Name: **Polyvinylpyrrolidone**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 58000,K29-32
Lot #: H2426349
SKU #: **P110607**
Version: **1**
Analysis #: **365916**

| Parameter | Limit Values | Result |
|---|------------------------------|------------------------------|
| Nitrogen by Elemental Analysis | 11.5-12.8 (%) | 12.00% |
| PH | 3-5 | 3.52 |
| K value | 29-32 | 30.00 |
| Water by Karl Fischer | 0-5 (%) | 2.53% |
| Carbon by Elemental Analysis | 64.7-65.1 (%) | 65.09% |
| 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 ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL | pass | Pass |



John Su
QA & QC Manager