

## Certificate of Analysis

Date of Testing: 2024-07-11 09:55:26  
Date of Next Testing: 2026-07-01 09:55:26  
Product Name: **Polyvinylpyrrolidone**  
CAS Number: 9003-39-8  
Specifications & Purity: average Mw 58000,K29-32  
Lot #: G2409400  
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 <sub>2</sub> O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su  
QA & QC Manager