

Certificate of Analysis

Date of Testing: 2022-09-29 19:53:13
Date of Next Testing: 2024-09-18 19:53:13
Product Name: **Polyvinylpyrrolidone**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 58000,K29-32
Lot #: I2223231
SKU #: **P110607**
Analysis: **118759**

Parameter	Limit Values	Result
PH	3-5	3.60
Water by Karl Fischer	0-5 (%)	3.40%
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.10%
Carbon by Elemental Analysis	64.7-65.1 (%)	64.90%
K value	29-32	29.40
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