

Certificate of Analysis

Date of Testing: 2022-06-28 15:34:56
Date of Next Testing: 2024-06-17 15:34:56
Product Name: **Polyvinylpyrrolidone**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 10000,K13-18
Lot #: F2215437
SKU #: **P110611**
Analysis: 095089
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	3.20 %
PH (5%, water) 25 ° C	3-7	4.60
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.00 %
K value	13-18	16.70
Appearance (P110611)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear,Very Faint Yellow to Yellow,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager