

## Certificate of Analysis

Date of Testing: 2022-11-28 17:40:46  
Date of Next Testing: 2024-11-27 17:40:46  
Product Name: **Polyvinylpyrrolidone**  
CAS Number: 9003-39-8  
Specifications & Purity: M.W. ~ 40,000, high purity (K30)  
Lot #: K2224627  
SKU #: **P274371**  
**Analysis:** **154945**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metals	0-0.001( %)	0.00 %
K value	27-32	30.40
Nitrogen	11.5-12.8 ( %)	12.10 %
Acidity(1.0g in 20ml water)	3-5	3.40000
Appearance(P274371)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager