

## Certificate of Analysis

Date of Testing: 2023-05-26 11:51:04  
Date of Next Testing: 2025-05-25 11:51:04  
Product Name: **Polyvinylpyrrolidone**  
CAS Number: 9003-39-8  
Specifications & Purity: M.W. ~ 40,000, high purity (K30)  
Lot #: E2318536  
SKU #: **P274371**  
**Analysis:** **214553**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metals	0-0.001( %)	0.00 %
K value	27-32	29.90
Nitrogen	11.5-12.8 ( %)	12.10 %
Acidity(1.0g in 20ml water)	3-5	3.50000
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(P274371)	White to Off-White Powder	White to Off-White Powder



John Su  
QA & QC Manager