

## Certificate of Analysis

Date of Testing: 2023-05-13 17:37:10  
Date of Next Testing: 2026-05-12 17:37:10  
Product Name: **Polyvinylpyrrolidone**  
CAS Number: 9003-39-8  
Specifications & Purity: for molecular biology, nucleic acid hybridization tested, mol wt 360,000  
Lot #: E2312843  
SKU #: **P434443**  
Analysis: **214586**

Parameter	Limit Values	Result
Nitrogen content	11.5-12.8 (%)	12.44200 %
Appearance(P434443)	White to Faint Yellow Powder	White to Faint Yellow Powder
Infrared spectrum	Conforms to structure	Conforms to Structure
Solubility (40mg plus 4 ml purified water)Clear to Slightly Hazy,Colorless to Light Yellow	pass	Pass
DNase, Exonuclease Detection	None Detected	none detected
RNase Detection	None Detected	none detected
NICKase,Endonuclease Detection	none Detected	none detected
Dot Blot Suitable for nucleic acid hybridization	Suitable	Suitable



John Su  
QA & QC Manager