

Certificate of Quality

Product Name: Polyvinylpyrrolidone
Product Number: P6290G
CAS Number: 9003-39-8
Lot Number: 37TL9665
Formula: (C₆H₉NO)_n
average mol wt: 40000
Quality Release Date: 2023/01
Recommended Retest Date: 2026/12
Storage Temperature: Room Temperature

Test	Specification	Result
Appearance (Colour)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless to Light Yellow	Very Faint Yellow
Solubility (Turbidity)	Clear	Clear
100 mg/mL, H ₂ O		
Water (by Karl Fischer)	≤ 5.0 %	3.2 %
Nitrogen (anhydrous)	10.9 - 12.8 %	11.8 %
Brookfield Viscosity	350 - 600 cps	432 cps
(40% W/W at 26 deg C)		
K-Value	29 - 32	30
pH	3 - 7	4
10% in H ₂ O		

Conclusion: The product complies with enterprise standard.

