

Certificate of Analysis

Date of Testing:	2023-06-06 13:10:01
Date of Next Testing:	2025-05-26 13:10:01
Product Name:	Polyvinylpyrrolidone
CAS Number:	9003-39-8
Specifications & Purity:	average Mw 8000,K16-18
Lot #:	H2131334
SKU #	P110608
Analysis:	235471
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Aldehydes	0-0.05 (%)	0.03 %
Water by Karl Fischer	0-5 (%)	2.11 %
PH(5% in water)	3-5	3.50
Hydrazine(N ₂ H ₄)	0-1 (ppm)	0.00 ppm
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.14 %
Sulfate Ash	0-0.1 (%)	0.03 %
Heavy metal (as Pb)	0-10 (ppm)	0.21 ppm
Peroxides(TiOSO ₄)	0-400 (ppm)	10.00 ppm
K value	15.3-18.4	16.70
Appearance (P110608)	white to yellow powder or flakes	white to yellow powder or flakes
Identification (positive reaction)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager