

Certificate of Analysis

Date of Testing:	2025-06-03 16:10:05
Date of Next Testing:	2027-05-24 16:10:05
Product Name:	Polyvinylpyrrolidone (PVP)
CAS Number:	9003-39-8
Specifications & Purity:	average Mw 8000,K16-18
Lot #:	E2521539
SKU #	P110608
Version	1
Analysis #:	500964
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Aldehydes	0-0.05 (%)	0.00 %
Water by Karl Fischer	0-5 (%)	2.70 %
Hydrazine(N ₂ H ₄)	0-1 (ppm)	0.33 ppm
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.00 %
Sulfate Ash	0-0.1 (%)	0.10 %
Heavy metal (as Pb)	0-10 (ppm)	10.00 ppm
K value	15.3-18.4	17.00
Residue on Ignition	0-0.1 (%)	0.00900 %
Peroxide(as H ₂ O ₂)	0-400 (ppm)	35.00 ppm
PH(5% in water)	3-5	4.90
Peroxides(TiOSO ₄)	0-400 (ppm)	200.00 ppm
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



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager