

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 15:37:14
Date of Next Testing: 2027-12-19 15:37:14
Product Name: **Polyvinylpyrrolidone (PVP)**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 8000,K16-18
Lot #: L2519384
SKU #: **P110608**
Version: **1**
Analysis #: **617242**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Aldehydes	0-0.05 (%)	0.00 %
Water by Karl Fischer	0-5 (%)	3.30 %
PH(5% in water)	3-5	4.40
Hydrazine(N ₂ H ₄)	0-1 (ppm)	0.50 ppm
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.10 %
Heavy metal (as Pb)	0-10 (ppm)	5.14 ppm
K value	15.3-18.4	16.30
Residue on Ignition	0-0.1 (%)	0.01000 %
Peroxide(as H ₂ O ₂)	0-400 (ppm)	28.00 ppm
Sulfate Ash	0-0.1 (%)	0.04 %
Peroxides(TiOSO ₄)	0-400 (ppm)	300.00 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



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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