

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-08 09:32:33
Date of Next Testing: 2026-06-28 09:32:33
Product Name: **Polyvinylpyrrolidone**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 8000,K16-18
Lot #: F2429321
SKU #: **P110608**
Version: **0**
Analysis #: **369815**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Aldehydes	0-0.05 (%)	0.00 %
Water by Karl Fischer	0-5 (%)	2.80 %
Hydrazine(N ₂ H ₄)	0-1 (ppm)	0.36 ppm
Nitrogen by Elemental Analysis	11.5-12.8 (%)	11.90 %
Heavy metal (as Pb)	0-10 (ppm)	10.00 ppm
Peroxides(TiOSO ₄)	0-400 (ppm)	7.00 ppm
K value	15.3-18.4	16.40
PH(5% in water)	3-5	4.40
Sulfate Ash	0-0.1 (%)	0.10 %
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