

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-11 09:35:00  
Date of Next Testing: 2025-04-30 09:35:00  
Product Name: **Poly(1-vinylpyrrolidone-co-vinyl acetate)**  
CAS Number: 25086-89-9(Solution)  
Specifications & Purity: 50% in ethanol (copolymer,7:3)  
Lot #: D2324729  
SKU #: **P109103**  
**Analysis:** **222118**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Loss on drying	45-55 (%)	45.66 %
Nitrogen by Elemental Analysis	7-8 (%)	7.21 %
Heavy metal (as Pb)	0-20 (ppm)	14.20 ppm
Sulfate Ash	0-0.1 (%)	0.03 %
K(Mark-Houwink)	25.2-30.8	27.80
Saponification value	230-274	264.00



John Su  
QA & QC Manager