

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-19 18:45:57
 Date of Next Testing: 2027-12-09 18:45:57
 Product Name: **Poly(1-vinylpyrrolidone-co-vinyl acetate)**
 CAS Number: 25086-89-9
 Specifications & Purity: 50% in ethanol(copolymer,3:7)
 Lot #: L2512104
 SKU #: **P109101**
 Version: **1**
 Analysis #: **628549**
 Storage Temperature: Protected from light

Parameter	Limit Values	Result
Hydrazine(N ₂ H ₄)	0-1 (ppm)	0.86 ppm
Aldehydes	0-500 (ppm)	400.00 ppm
Nitrogen by Elemental Analysis	7-8 (%)	7.97 %
Residual monomers	0-0.4 (%)	0.28 %
Sulfate Ash	0-0.1 (%)	0.08 %
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Peroxides	0-400 (ppm)	270.00 ppm
K value	25.2-30.8	29.78
Saponification value	230-274	264.00
Appearance (P109101)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solvent(Ethanol)	Conform	Conform



John Su
QA & QC Manager