

Certificate of Analysis

Date of Testing: 2023-12-28 15:57:17
Date of Next Testing: 2025-12-17 15:57:17
Product Name: **Poly(1-vinylpyrrolidone-co-vinyl acetate)**
CAS Number: 25086-89-9(Solution)
Specifications & Purity: 50% in ethanol (copolymer,3:7)
Lot #: L2327059
SKU #: **P109101**
Analysis: **115553**
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 (%)	7.99 %
Loss on drying	0-5 (%)	3.96 %
Residual monomers	0-0.4 (%)	0.29 %
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	29.80
Saponification value	230-274	264.00
Appearance (P109101)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager