

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-08 15:41:40

Date of Next Testing: 2028-06-08 15:41:40

Product Name: **Poly(1-vinylpyrrolidone-co-vinyl acetate)**

CAS Number: 25086-89-9(Solution)

Specifications & Purity: 50% in ethanol (polymer, 3:7)

Lot #: J2423019

SKU #: **S52640**

Version: **0**

Analysis #: **427204**

Storage Temperature: Protected from light, Room temperature

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 %
Loss on drying	0-5 (%)	3.96 %
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(S52640)	Colorless Liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

