

**CERTIFICATE OF ANALYSIS**

<b>Product Name:</b>	Crospovidone (VA64)	<b>Batch No.</b>	JL20230505
<b>Cas</b>	25086-89-9	<b>MF Date</b>	May. 05, 2023
<b>Packing</b>	25KGS/DRUM	<b>Analysis Date</b>	May. 05, 2023
<b>Quantity</b>	9MT	<b>Expiry Date</b>	May. 04, 2026
<b>ITEM</b> 分析项目	<b>STANDARD</b> 技术指标		<b>RESULT</b> 实测结果
<b>Appearance</b>	White or slightly yellow hygroscopic powder or flakes		Conform
<b>Solubility</b>	Soluble in water, 96% ethanol or chloroform		Conform
<b>Identify A, B</b>	Meet the requirements		Conform
<b>Solution Appearance</b>	Clear to cloudy		Conform
<b>PH</b>	3.0-7.0		3.5
<b>Aldehyde ppm</b>	≤500		116
<b>Peroxide ppm</b>	≤ 400		71
<b>NVP ppm</b>	≤ 10.0		4.3
<b>Vinyl acetate ppm</b>	≤ 5.0		3.2
<b>Saponification value mg/g</b>	230-270		245
<b>Residue on ignition%</b>	≤ 0.1		0.03
<b>Vinyl acetate%</b>	35.3-42.0		37.5
<b>Hydrazine ppm</b>	≤ 1.0		0.41
<b>2-P%</b>	≤ 0.5		0.32
<b>Moisture%</b>	≤ 5.0		3.0
<b>Heavy metal ppm</b>	≤ 20		12.7
<b>Nitrogen content%</b>	7.0-8.0		7.9
<b>K value</b>	26.0- 36.0		28.2
<b>Conclusion</b>	<b>Qualified</b>		

**Analyst: Wen Qian**
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