



## Unilong Industry Co., Ltd

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Polyvinylpyrrolidone	<b>Batch No.</b>	JL20211025
<b>Cas</b>	9003-39-8	<b>MF Date</b>	OCT.25,2021
<b>Packing</b>	200kg/drum	<b>Analysis Date</b>	OCT.25,2021
<b>Quantity</b>	5MT	<b>Expiry Date</b>	OCT.24,2023
<b>Item</b>	<b>Standard</b>	<b>Result</b>	
<b>Appearance</b>	White or yellowish-white powder or flake	Qualified	
<b>Solubility</b>	Soluble in aqueous ethanol (96%) and methanol, slightly soluble in acetone	Qualified	
<b>Appearance of solution</b>	The solution is clear and lighter in color than the reference solution B <sub>6</sub> ,BY <sub>6</sub> , R <sub>6</sub>	Qualified	
<b>Peroxide (PPM)</b>	≤400	94	
<b>Ash content (%)</b>	≤0.1	0.03	
<b>Aldehyde (PPM)</b>	≤500	67	
<b>Water content (%)</b>	≤5.0	2.9	
<b>Ignition residue (%)</b>	≤0.1	0.03	
<b>Nitrogen content (%)</b>	11.5~12.8	12.6	
<b>PH content</b>	4.0~7.0	6.7	
<b>K content</b>	81.0~97.2	90.4	
<b>Conclusion</b>	Qualified		

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