



## Unilong Industry Co., Ltd

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Povidone iodine	<b>Batch No.</b>	JL20211025
<b>Cas</b>	25655-41-8	<b>MF Date</b>	OCT.25,2021
<b>Packing</b>	5kg/bag	<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>	Yellow brown powder or red brown amorphous powder	Qualified	
<b>Solubility</b>	Dissolved in water or ethanol, insoluble in ether or chloroform	Qualified	
<b>Effective iodine</b>	9.0%-12.0%	10.5%	
<b>Nitrogen content</b>	9.5%-11.5%	9.9%	
<b>Iodide ions</b>	$\leq 6.6\%$	1.5%	
<b>Loss on drying</b>	$\leq 8.0\%$	5.0%	
<b>Ignition residue</b>	$\leq 0.1\%$	$\leq 0.02\%$	
<b>Heavy metal</b>	$\leq 20\text{ppm}$	$< 20\text{ppm}$	
<b>Conclusion</b>	Qualified		

**Analyst:** Wen Qian

**Quality Assurance Officer:** Zhan Peng