



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name:	Povidone iodine	Batch No.	JL20211025
Cas	25655-41-8	MF Date	OCT.25,2021
Packing	5kg/bag	Analysis Date	OCT.25,2021
Quantity	5MT	Expiry Date	OCT.24,2023
Item	Standard	Result	
Appearance	Yellow brown powder or red brown amorphous powder	Qualified	
Solubility	Dissolved in water or ethanol, insoluble in ether or chloroform	Qualified	
Effective iodine	9.0%-12.0%	10.8%	
Nitrogen content	9.5%-11.5%	9.9%	
Iodide ions	$\leq 6.6\%$	2.1%	
Loss on drying	$\leq 8.0\%$	4.4%	
Ignition residue	$\leq 0.025\%$	$\leq 0.015\%$	
Heavy metal	$\leq 10\text{ppm}$	$< 10\text{ppm}$	
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng