



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

Address: Room 2015-2016, No.2 Building, Kaixin Mansion, No.107 Jinqiao Avenue, Wuhan, China.

Website: www.fortunachem.com Tel: 027-85767163, 027-59207850 E-mail: purchase@fortunachem.com

**CERTIFICATE OF ANALYSIS**

Products Name	CAS NO.	Batch No.
Polyvinylpyrrolidone	9003-39-8	20240109
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
K value	85-95	93.0
Moisture %	≤5.0	3.0
PH Value(5% in water)	3.0-7.0	4.6
NVP ppm	≤10	6.9
Residue on ignition %	≤0.1	0.06
Nitrogen %	11.5-12.8	12.3
Aldehydes(as acetaldehyde) ppm	≤500	80
Heavy metals(as Pb) ppm	≤10	<10
Hydrazine ppm	≤1.0	<1.0
Peroxides( as H2O2) ppm	≤400	60
2-Pyrrolidone %	≤3	1.5
Formic acid %	≤0.5	0.2
Total Aerobic plate count CFU/g	≤100	<100
Staphylococcus Aureus, CFU/g	Negative	Negative
Salmonella, CFU/g	Negative	Negative
Pseudomonas aeruginosa, CFU/g	Negative	Negative
E.coli CFU/g	Negative	Negative
Appearance	White or yellowish- White Granular	White Granular

Solubility	colorless yellowish-white solution	Conform
Solubility	Freely soluble in water, in ethanol (96 percent) and in methanol very slightly soluble in acetone	Conform
Identification	IR spectrum obtained is inconsistent with that obtained with Povidone CRS.	Conform
	An orange-yellow precipitate is formed.	Conform
	An pale blue precipitate is formed.	Conform
	A red colour is produced.	Conform
	The substance dissolves	Conform
Conclusion	QUALIFIED.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03