



# 武汉福鑫化工有限公司

## Wuhan Fortuna Chemical Co.,Ltd

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Product Name: Ivermectin		Specifications: EP8.0
Quantity: 350KG		Batch No: yw20200226
Manu Date: 2020.02.26		Retest Date: 2022.02.25
ITEMS	SPECIFICATIONS	RESULTS
Characteristic A. Appearance B. Solubility	White Or Yellowish White Crystalline Power Practically insoluble in water, freely soluble in methylone, chloride, soluble in alcohol	Complies
Identification A. IR B. HPLC	Conform Conform	Complies
Apperance Of Solution	Solution Is clear $\leq RY_7$	Complies
Specific Optical Rotation	-17-20°	-18.1°
Related substance		
Ibdir impurity	$\leq 2.5\%$	1.89%
Impurity And other	$\leq 1.0\%$	0.63%
Total impurity	$\leq 5.0\%$	4.36%
Ethanol	$\leq 5.0\%$	3.83%
Formamide	$\leq 3.0\%$	2.50%
Heavy metals	$\leq 0.002\%$	$< 0.002\%$
Water	$\leq 1.0\%$	0.17%
Sulphated ash	$\leq 0.1\%$	0.05%
Residue of solvent (toluene)	$\leq 890\text{ppm}$	$< 890\text{ppm}$
Content		
Ivermectin (H <sub>2</sub> B <sub>1a</sub> +H <sub>2</sub> B <sub>1b</sub> ):	95.0-102.0	96.01%
Ratio H <sub>2</sub> B <sub>1a</sub> (H <sub>2</sub> B <sub>1a</sub> +H <sub>2</sub> B <sub>1b</sub> )	$\geq 90.0\%$	97.52%
CONCLUSION: COMPLIES WITH EP8.0		

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03