



湖北万知化工医药股份有限公司

Hubei Vanz Pharm Co., Ltd.

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## Certificate of Analysis

Product	Flibanserin	CAS No.	167933-07-5
Batch No.	VAN-191220	Man.date	2019-12-20
Quantity	10Kg	Testing date	2019-12-22
Test standard	In-house quality standard	Expiry date	2021-12-21
<b>Items</b>	<b>Specifications</b>	<b>Results</b>	
Appearance	White powder	Conforms	
(HPLC) Assay	≥99.0%	99.3%	
Loss on Drying	≤1.0%	0.5%	
Solubility	Soluble in water and 95%ethanol, sparingly soluble in acetic anhydride and practically insoluble in diethyl ether	Conforms	
pH	5-6	Conforms	
Identification	HNMR spectrum meet the reference	Conforms	
Melting point	132-133 celcius degree	Conforms	
Clarity and color of solution	clear and colorless	Conforms	
Sulfate	0.05%max	Conforms	
Heavy metals	10ppm max	Conforms	
As	2ppm max	Conforms	
Organic acid(0.1M NaOH)	0.5ml max	Conforms	
Loss on drying	0.5% max	Conforms	
Residue on ignition	0.1%max	Conforms	
Residual organic Solvents (GC)	Xylol 0.22%max	Conforms	
	Isopropanol 0.5%max	Conforms	
Related substances(HPLC)	Total impurity 1.5%max	Conforms	
	Single impurity 0.5%max	Conforms	
Conclusion: The product meets In-house specifications.			

Tested by: Wang Xiaohang

Checked by: Du Ke

Issued by: Lei Xiaogang

