

Beijing Yibai Biotechnology Co., Ltd

北京屹柏生物科技有限公司

Add: Xuhui Logistics Center, Nanfaxin Fuqian street, Shunyi district, Beijing, China.

Email: sales@yibaibiotech.comWebsite: www.yibaibiotech.com**检验报告书****CERTIFICATE OF ANALYSIS**

Product Name: Lorcaserin hydrochloride hemihydrate		CAS No.: 856681-05-5	
Batch No.: QYB20180501		Quantity: 59.5kg	
Package: 5.0kg/drum		Test according to: Enterprise standard	
Date of Production : May., 9, 2018		Date of Testing: May., 11, 2018	
Date of Report: May. 11, 2018		Retest Date : May., 2020	
ITEMS		STANDARDS	RESULTS
Appearance		White to off-white crystalline powder	Off-white crystalline powder
I.D	IR	IR spectrum should conform	Conforms with standard
	Retention time	RT under chirality should conform	Conforms with standard
	Chloride	Chloride: it gives a reaction of chloride	Positive Reaction
Water		3.0%~4.5%	3.2%
Melt Point		198.0~202.0℃	199.3~200.7℃
Residue on Ignition		≤0.2%	0.05%
Heavy Metals		≤10ppm	Conforms
Residual Solvent		Dichloromethane ≤0.06%	ND
		Acetone ≤0.5%	ND
		Ethyl acetate ≤0.5%	ND
Related Substances		Individual Impurities: ≤0.5%	0.05%
		Total Impurities: ≤1.0%	0.09%
E.e		≥99.0%	99.6%
Assay (on dry basis)		98.0%~102.0%	100.3%
Conclusion: Complies			