



XI'AN JULONG BIO-TECH CO.,LTD

Address:FULI BAILU BAY ,BAQIAO DISTRICT ,XI'AN,SHAANXI PROVINCE, CHINA.

www.biojulong.en.alibaba.com

Certificate of Analysis --Citalopram

Product Name	CITALOPRAM	Batch No	JL-20201113
Quantity	65KG	Analysis Date	Nov.14th, 2020
Mfg. Date	Nov.13th ,2020	Exp. Date	Nov.12rd, 2022
Package	1KG Foil bag	Standard	USP

Item	Standard	Test Results
Identification	A.H-NMR:Comply with the structure	Complies
	B.LC-MS:Comply with the structure	Complies
	C.The IR spectrum of sample should be identical with that of reference standard;	Complies
	D.HPLC-ESI-MS The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay.	Complies
Crystallinity	meets the requirements.	Complies
Loss on drying	≤2.0%	0.19%
Heavy metals	≤10 ppm	<10ppm
Water	≤1.0%	0.1%
Sulphated ash	≤0.5%, determined on 1.0 g.	0.009%
Related substances	Unspecified impurities: for each impurity≤0.10%	<0.10%
	Total Impurity ≤0.5%	0.18%
Purity	≥99.0%	99.7%
Assay	99.0%~101.0% (anhydrous substance).	99.8%
Microbiological Analysis		
Total plate count	≤1000cfu/g	Complies
Yeast and Moulds	≤100cfu/g	Complies
E. Coli.	Absent	Negative
Salmonella	Absent	Negative
S.aureus	Absent	Negative
Storage	well-closed, light-resistant and airtight containers.	Complies

QC MANAGER: 董卓 INSPECTOR: 张赞 ANALYST: 王胜利

