



Xi'an Quanao Biotech Co., Ltd.

B-1604 JunCheng Guo Ji, TaiYuan Road, WeiYang District, Xi'an China

Tel:+86 29 86719484

Fax:+86 29 86719484

Certificate of Analysis

Product Name	Tadalafil		
CAS.No	171596-29-5	Outer Packing	25kg / drum
Production Date	2021-02-22	Batch No.	QY20210222
Expiry Date	2023-02-21	Report Date	2021-02-22
Original			
ITEMS	SPECIFICATIONS		RESULTS
Appearance	White powder		Complies
Odor & Tasted	Characteristic		Complies
Identification	Infrared Absorption		Complies
Solubility	Insoluble in water or alcohol, soluble in Acetic acid, ethyl ester		Complies
Specific rotation	+78.0° ~+84.0°		+80.4°
Citrate	Positive		Complies
IR	IR should comply with the reference standard spectrum		Complies
Assay(Dry basis %)	≥ 99 HPLC		99.66
PH	3.0-6.0		5.65
Residue on ignition(%)	≤0.1		0.05
Loss on Drying(%)	≤0.5		0.08
Heavy Metals			
Heavy Metal (ppm)	≤10		Complies
Pb(ppm)	≤1.0		Complies
As(ppm)	≤1.0		Complies
Hg(ppm)	≤0.1		Complies
Cd(ppm)	≤1.0		Complies
Microbiological Tests			
Total Plate Count(cfu/g)	≤ 100		Complies
Yeasts and Moulds(cfu/g)	≤ 10		Complies
E.coli (cfu/g)	Negative		Complies
Salmonella	Negative		Complies
Pathogen	Negative		Complies
Staphylococcus	Negative		Complies
Conclusion	Conform to the standard.		
Packing	25kg/drum		
Storage and Handling	Store in a cool and dry place, keep away from direct strong and heat.		
Shelf life	Two years if sealed and store away from direct sun light.		

QC: Li Ting

QA: Tian Wen

