

**XI'AN HARMONIOUS NATURAL BIO-TECH CO.,LTD**

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Certificate of Analysis

CAS No.	171596-29-5	Product Name	Tadalafil
Manufacture Date:	16 th Oct., 2017	Analysis Date:	16 th Oct., 2017
Batch NO.:	HNB171016-1	Test sample:	100gram
Storage:	Store in cool&dry place, in well-closed containers.		
Shelf life:	24 Months when properly stored.		

ITEMS	SPECIFICATIONS	RESULT
Appearance	White or almost white powder	Complies
Solubility	Practically insoluble in water, freely soluble in dimethyl sulfoxide, slightly soluble in methylene chloride	Complies
Identification	IR, UV	Positive
Special optical rotation	78.0 to + 84.0	81.0°
Impurities A, B and C	Impurity A: $\leq 0.15\%$	0.01%
	Specified impurities: $\leq 0.10\%$	Complies
Relative substance	Unspecified impurities: $\leq 0.10\%$	0.09%
	Total impurity: $\leq 0.3\%$	0.17%
Loss on drying	$\leq 0.5\%$	0.2%
Sulfated ash	$\leq 0.1\%$	0.06%
Assay (on dried basis)	97.5%~102%	99.57%
Conclusion	Qualified	

QC MANAGER:

INSPECTOR:

