



武汉励合生物医药科技有限公司

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检验报告单  
Certificate of Analysis

CAS: 130209-82-4

Product name	Latanoprost		
According to	In-house standard	Batch No.	20160607
Package size	(drum)	Manufacturing date	20160607
Quantity	1g	Retest date	2018.06.06
<b>Items</b>	<b>Specifications</b>		<b>Results</b>
Appearance	Colorless or light yellow oil		Light yellow oil
Water	NMT2.0%		0.02%
Identification	HPLC retention time of sample complies with that of known sample		Complies
Optical rotation	+31°~+38.0		+35°
Related on ignition	NMT 0.50%		0.04%
Related substances (HPLC)	Isopropyl diphenylphosphorylpentanoate NMT 0.1%		Not detected
	Latanoprost related Compound B NMT 0.5%		0.07%
	Latanoprost related Compound A NMT 3.5%		Not detected
	Any unspicifide impurity NMT 0.1%		Not detected
	Total impurities NMT 0.5%		0.07%
Related Compound E	NMT 0.2%		0.01%
Residual solvents	Ethanol NMT 5000ppm		1070ppm
	MTBE NMT 5000ppm		Not detected
	n-Hexane NMT 290ppm		4ppm
	Ethyl acetate NMT 5000ppm		Not detected
Purity by HPLC	94.0%~102.0%		99.6%
Conclusion: Complies with Enterprise standard			

Quality Control: LI Lin

Quality Assurance: Huang Xiao

Report date: 2016.06.07

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