

LANOSPHERMA LABORATORIES Co.,Ltd

info@lanospharma.com www.lanospharma.com Tel: 86 130 96196006 Fax: 86 02363245915

B2-4-6, No.180, Yuzhou Road, Yuzhong District, 400042, Chongqing, China

CERTIFICATE OF ANALYSIS

分析报告

Name	Travoprost	Batch No.	PR-0111
Manufacture date	2011-03-10	Expiry date	2013-03-09
CAS no	157283-68-6	Standard	Enterprise standard

Items	SPECIFICATION	Results
Appearance	Colorless or pale yellow oil	Complies
Identification		
(1) by HPLC	the retention time of the major peak corresponds to the standard preparation.	Complies
(2) by TLC	Should comply with the standard	Complies
Optical rotation	+52.0° to +58.0°	54.7°
Water	Not more than 1.0%	0.79%
Limit of Ethyl acetate	Not more than 0.5%	Not detected
Residual substance	Travoprost acid: N.M.T:0.2%	Not detected
	Epoxide derivative: N.M.T:0.4%	Not detected
	15-epi diastereomer: N.M.T:0.1%	Not detected
	5,6-trans Travoprost: N.M.T:3.5%	Not detected
	15-keto derivative: N.M.T:0.3%	Not detected
	Any single impurity: N.M.T:0.1%	Not detected
	Total impurities: N.M.T:4.0%	Not detected
Residual solvents	Acetonitrile: N.M.T:0.04%	Not detected
	Ethanol: N.M.T:0.5%	0.068%
	n-Hexane: N.M.T:0.05%	Not detected
	IPA: N.M.T:0.5%	0.48%
	Dichloromethane: N.M.T:0.06%	Not detected
Assay	96.0% to 102.0%	98.7%

Conclusion: the test result complies with the Enterprise standard

负责人:

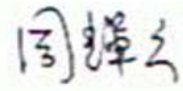
Responsible

Person:



复核人:

Checker:



检验人:

Analyst:



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