

LANOSPHERMA LABORATORIES Co.,Ltd

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

CERTIFICATE OF ANALYSIS

分析报告

Name	Tiotropium Bromide	Batch No.	110301
Manufacture date	2011-03-01	Expiry date	2013-02-28
Batch Quantity	500g	Standard	Enterprise standard

Items	Reference specification	Test result
Appearance	White to off-white ,crystalline powder	Complies
Identification	IR absorption , to match with working standard UV spectrum ,there is a maximum absorption at 236nm	Complies
Solubility	Slightly soluble in water ,vary slightly in ethanol and acetonitrile ,almost soluble in chloroform	Complies
Melting point	217.0-228.0oC	217.1-219.2oC
Loss on drying	Max 1.0%	0.57%
pH	4.0 to 7.0	6.35
Impurity	Max 1.0%	0.32%
Heavy metals	Max 20ppm	Complies
Residue on ignition	Max 0.1%	0.05%
Assay	Not less than 99.0%	99.4%

Conclusion: the test result complies with the Enterprise standard

负责人:


Responsible

Person:



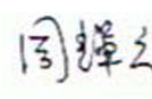
复核人:

Checker:



检验人:

Analyst:




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