

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	Streptozocin	Batch No.	110401
Manufacture date	2011-04-01	Expiry date	2013-03-31
Batch Quantity	2000g	Standard	Enterprise standard

Items	Reference specification	Test result
Appearance	Pale yellow crystalline powder	Complies
Solubility	Soluble in water	Complies
Identification	The UV absorption of 0.001% solution in water exhibits a maximum at about 228nm	Complies
-UV Absorption		
-IR Spectrum	IR Spectrum in potassium bromide dispersion of sample should be concordant with that of working standard spectrum	Complies
HPLC	Retention time of the sample should be concordant to the retention time of working standard	Complies
Element Analysis	Carbon, Nitrogen, Hydrogen	Complies
Melting point	121°C(DEC)	121°C(DEC)
[α] _D (c=1, H ₂ O)	+39°	+39°
α Isomer%	≥75%	85%
Residue On Ignition	NMT 0.1%	0.02%
Heavy metals	Max 20ppm	Complies
Loss On Drying	NMT 1.0%	0.33%
Related Substances		
Single Impurity	NMT 0.5%	0.1%
Total Impurity	NMT 1.0%	0.2%
Assay (BY HPLC)	98.5%-101.5%	99.5%



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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