

杭州东瑞医药科技有限公司
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Abamectin

Batch No.: DR20130226	Quantity: 500.0kg
Manufacture Date: 2013.02.26	Expiry Date: 2015.02.25

TESTS:

Items	Specification	Results
Description	White to yellowish-white crystalline powder	White crystalline powder
Identification	The retention times of test solution corresponds to those of standard solution.	Conforms
Heavy metals	$\leq 0.001\%$	Conforms
Residue on ignition	$\leq 0.1\%$	0.01%
Loss on drying	$\leq 2.0\%$	1.4%
External standard	B1: $\geq 92.0\%$ B1a: $\geq 85.0\%$	95.2% 92.0%
Normalization	B1: $\geq 95.0\%$ B1a: $\geq 90.0\%$	98.1% 93.7%
Related substances	Avermectin B2a: $\leq 1.0\%$ MonosaccharideAV B1a: $\leq 1.0\%$ 12-demethyl-12 ethyl AV B1a: $\leq 1.0\%$ Avermectin A 1a: $\leq 1.0\%$ Total impurities: $\leq 5.0\%$	0.1% ND 0.6% 0.3% 1.8%
Insolubles in propylene glycol	Conforms	Conforms
Conclusion: The results conform to the standard.		

Analyst: _____

Checker: _____

QA.Manager: _____

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