

Name of Product	Moxidectin	Quantity of Product	7.105kg	Batch No.	130101
Quantity of Sample	5.0g	Packing Size	2.0kg	Report Date	2013-01-29
Test Standard	EP7.0	Manufacture Date	2013-01-23	Retest Date	2014-01-22
Test Items		Specifications		Test Results	
Appearance		White or pale yellow, amorphous powder		conforms	
Identification (IR)		Conforms		conforms	
Appearance of solution		Conforms		conforms	
Water		Not more than 1.3%		0.62%	
Heavy Metal		Not more than 20ppm		conforms	
Sulfated ash		Not more than 0.2%		0.05%	
Relates substance (Test A)	Impurity A	Not More Than 1.5%		1.01%	
	Impurity B	Not More Than 0.5%		0.27%	
	Impurity C	Not More Than 1.5%		0.65%	
	Impurity D	Not More Than 2.5%		0.96%	
	Sum of impurities E and F	Not More Than 1.7%		1.18%	
	Impurity G	Not More Than 1.5%		0.21%	
	Any other impurity eluting before impurity G	Not More Than 0.5%		conforms	
Relates substance (Test B)	Sum of impurities H and I	Not More Than 1.0%		0.17%	
	Impurity J	Not More Than 0.5%		not detected	
	Impurity K	Not More Than 0.5%		not detected	
	Any other impurity eluting after impurity G	Not More Than 0.5%		conforms	
Total of all impurities (Calculate the sum of the impurities eluting from the start of the run to impurity G in test A and from impurities H+I to the end of the run in test B)		Not More Than 7.0%		4.95%	
Assay (on anhydrous basis)		92.0%~102.0%		98.28%	
Residual solvents	Methanol	Not More Than 0.3%		not detected	
	Ethanol	Not More Than 0.5%		not detected	
	Dichloromethane	Not More Than 0.06%		not detected	
	Dimethyl sulfoxide	Not More Than 0.5%		not detected	
	1,4-Dioxane	Not More Than 0.038%		not detected	
	N-Heptane	Not More Than 0.5%		not detected	
Conclusion		It conforms to the EP7.0 requirements			
Remarks					