



## CERTIFICATE OF ANALYSIS

### IVERMECTIN

<b>DESCRIPTION</b>	A WHIT OR YELLOWISH-WHITE CRYSTALLINE POWDER	CONFORMS
<b>SOLUBILITY</b>	PRACTICALLY INSOLUBLE IN WATER, FREELY SOLUBLE IN METHYLENE CHLORIDE, SOLUBLE IN ALCOHOL.	CONFORMS
<b>IDENTIFICATION</b>	CONFORM	CONFORMS
<b>APPEARANCES OF SOLUTION</b>	SOLUTION IS CLEAR: NOT MORE THAN BY7	CONFORMS
<b>SPECIFIC ROTATION</b>	-17° ~ -20°	-18.2°
<b>MOISTURE</b>	NOT MORE THAN 1.0%	0.7%
<b>RESIDUE ON IGNITION</b>	NOT MORE THAN 0.1%	<0.1%
<b>RELATED SUBSTANCES</b>	INDIVIDUAL IMPURITY(1.3<RRT<1.5): NOT MORE THAN 2.5%	CONFORMS
<b>HEAVY METALS</b>	ANY OTHER IMPURITY: NOT MORE THAN 1.0% TOTAL IMPURITIES: NOT MORE THAN 5.0%	<0.002%
<b>LIMIT OF ETHANOL</b>	NOT MORE THAN 0.002%	4.3%
<b>LIMIT OF FORMAMID</b>	NOT MORE THAN 5.0%	2.8%
<b>ASSAY (HPLC) (ON DRIED BASIS)</b>	NOT MORE THAN 3.0%	94.1%
	B1a: NOT LESS THAN 90.0%	97.2%
	B1a+B1b: 95.0% ~ 102.0%	

NOTE: THE ASSAY OF B1 AND B1a CALCULATED ON THE MOISTURE, ETHANOL AND FORMAMIDE FREE BASIS.

**CONCLUSION:** THE RESULTS CONFORM TO THE STANDARD OF EP2005.



