



CERTIFICATE OF ANALYSIS

IVERMECTIN

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

