

PRODUCT: IVERMECTIN

ITEMS	SPECIFICATIONS
APPEARANCE	White or yellowish-white crystalline powder
APPEARANCE OF SOLUTION	The solution is clear and not more intensely coloured than reference solution BY7
IDENTIFICATION A) IR B) HPLC	Corresponds with that of CRS standard The retention time for H2B1a and H2B1b corresponds with that of standard preparation
WATER	≤ 1.0%
ETHANOL	≤ 5.0%
FORMAMIDE	≤ 3.0%
RELATED COMPOUNDS ➤ H2B1a isomers and $\Delta^{2,3}$ H2B1a ➤ Any other individual impurity ➤ Total impurities ➤ Disregard peaks	≤ 2.5% ≤ 1% ≤ 5% ≤ 0.05%
HEAVY METALS	≤ 0.002%
SULPHATED ASH	≤ 0.1%
SPECIFIC OPTICAL ROTATION	-17° ~ -20°
RESIDUAL SOLVENTS=>Toluene	≤ 890 ppm
ASSAY	95.0%~102.0%
H2B1/(H2B1a+H2B1b)	≥ 90.0%