

Product : Ivermectin Batch no.: 05KB21.HM00166 Retest Date : October 2022 Manufacturing Date : October 2020			
TEST	REF.	SPECIFICATION	RESULT
Description: Crystallinity: Identification (by IR): Identification (by HPLC): Appearance of solution: Water: Residue on ignition: Specific optical rotation: Ratio (by HPLC): Iv. B1a / (Iv. B1a + B1b): Related substances (by HPLC): EP Impurity A EP Impurity H EP Impurity D EP Impurity E Impurity with RRT 0.87 (Impurity 1) Impurity with RRT 0.55 Impurity with RRT 0.77 Impurity with RRT 0.59 Any unspecified impurity Sum of Impurities between RRT 1.3 -1.5 (Impurity K) Total impurities Residual solvents (by GC): Formamide Ethanol Methanol Assay (by HPLC):	AATG018_001 USP, Monograph EP, Monograph CRLC177_001 EP, Monograph AA001835_002 USP, Monograph AA001833_003 CRLC177_003 CRLC177_025 CRLC177_026 CRLC177_027 CRLC177_036 CRLC177_028 CRLC177_011 CRLC177_012 CRLC177_038 CRLC177_034 CRLC177_035 CRLC177_018 CRGC098_008 CRGC098_009 CRGC175_001 CRLC177_002	White to yellowish white powder The product is crystalline Conforms to the spectrum of the European Pharmacopeia Chemical Reference Substance In the chromatogram obtained with the sample solution, the principal peaks should have the same RTs as those of the principal peaks in the chromatogram obtained with the reference standard A 2% w/v solution in toluene (1g/50mL) is clear and not more intensely coloured than the reference solution BY7. Not more than 1.0 % w/w (2g) Not more than 0.1 % w/w (1 g; 600°C; constant weight) Not less than -20 ° and not more than -17 °, calculated with reference to the anhydrous and solvent-free substance (c=2.5; methanol; t=20° C; 589.3nm) Not less than 90.0 % Not more than 1.0 % w/w Not more than 1.0 % w/w Not more than 1.0 % w/w Not more than 1.0 % w/w Not more than 0.2 % w/w Not more than 0.4 % w/w Not more than 0.4 % w/w Not more than 0.5 % w/w Not more than 0.1 % w/w Not more than 2.5 % w/w Not more than 5 % w/w Not more than 3.0 % w/w Not more than 5.0 % w/w Not more than 0.3 % w/w Not less than 95.0 % w/w and not more than 102.0 % w/w, calculated with reference to the anhydrous and solvent-free substance	Conforms Conforms Conforms Conforms Conforms 0.1 % w/w 0.0 % w/w -19 ° 98.5 % 0.2 % w/w 0.4 % w/w Less than 0.05 % w/w 0.2 % w/w 0.2 % w/w 0.2 % w/w 0.1 % w/w Not detected % w/w 0.0 % w/w 1.5 % w/w 3 % w/w 2.5 % w/w 4.0 % w/w 0.0 % w/w 97.9 % w/w
The batch number 05KB21.HM00166 of Ivermectin has been tested as above and conforms to the latest EP and Hovione specifications.		Approved by: Michael Cheang 09.Nov.2020 17:11:03 Quality Control	
Storage conditions : Protected from the incident of sunlight and/ or artificial light; store below 25 °C and 65% RH			
The batch was manufactured according to Good Manufacturing Practices.		Released by: Bruna Nunes 09.Nov.2020 18:38:08 Quality Assurance	
Reference: 197629, 184133		GQSP1314.8 E_NORMAL	

This document has been signed electronically in compliance with 21CFR Part 11.