

<b>Product :</b> Ivermectin <b>Batch no.:</b> 05KB21.HM00170 <b>Retest Date :</b> December 2022 <b>Manufacturing Date :</b> December 2020			
TEST	REF.	SPECIFICATION	RESULT
<b>Description:</b> <b>Crystallinity:</b> <b>Identification (by IR):</b> <b>Identification (by HPLC):</b> <b>Appearance of solution:</b> <b>Water:</b> <b>Residue on ignition:</b> <b>Specific optical rotation:</b>  <b>Ratio (by HPLC): Iv. B1a / (Iv. B1a + B1b):</b> <b>Related substances (by HPLC):</b> 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 <b>Residual solvents (by GC):</b> Formamide Ethanol Methanol <b>Assay (by HPLC):</b>	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 °  98.4 %  0.3 % w/w 0.3 % w/w Less than 0.05 % w/w 0.3 % w/w 0.2 % w/w 0.1 % w/w Not detected % w/w 0.1 % w/w 1.4 % w/w 3 % w/w  2.4 % w/w 4.4 % w/w 0.0 % w/w 98.7 % w/w
<b>The batch number 05KB21.HM00170 of Ivermectin has been tested as above and conforms to the latest EP and Hovione specifications.</b>		<b>Approved by:</b> Kim Lao 06.Jan.2021 11:49:37 Quality Control	
<b>Storage conditions :</b> Protected from the incident of sunlight and/ or artificial light; store below 25 °C and 65% RH			
<b>The batch was manufactured according to Good Manufacturing Practices.</b>		<b>Released by:</b> Bruna Nunes 07.Jan.2021 16:24:13 Quality Assurance	
<b>Reference:</b> 198200, 198070		GQSP1314.8 E_NORMAL	

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