



# CERTIFICADO DE ANÁLISIS (COA)

Producto: Doramectina

CAS N°: 117704-25-3

## Certificate of Analysis for Doramectin

Report No: K-20211207-001

File encoding: WL-QS-FP012-R02 (03)



Batch No: K211004	Mfg Date: 2021.10.17	Retest Date: 2023.10.16	
Report Date: 2021.12.07	Quantity: 100kg	Standard: WL-QS-FP012	
Test Items	Specification	Result	
Appearance	White or almost white crystalline powder	Almost White crystalline powder	
Clarity and color of solution	The solution is clear and not more intensely coloured than reference solution BY <sub>6</sub>	Conforms	
Identification	HPLC: The retention time of the major peak corresponds to that of the reference substance solution, as obtained in the Assay.	Conforms	
	IR spectrum of sample corresponds to that of reference.	Conforms	
Specific rotation (anhydrous substance)	+11°~+15°	+12°	
Water	≤3.0%	1.8%	
Sulfated ash	≤0.1%	0.09%	
Heavy metals	≤20ppm	<20ppm	
Related substances	Avermectin RRT=0.72	≤1.0%	0.23%
	Avermectin RRT=0.84	≤1.0%	0.45%
	Any single impurity	≤1.0%	0.41%
	Total impurities	≤5.0%	2.8%
Assay (anhydrous substance)	≥95.0%	97.4%	
Residual solvents	Methanol	≤3000ppm	Not detected
	Acetone	≤5000ppm	183ppm
	Ethanol	≤5000ppm	Not detected
BHT	≤0.2%	0.18%	
Bacterial endotoxins	≤0.5EU/mg	<0.5EU/mg	
Microbial Limit	TAMC	≤100CFU/g	<10CFU/g
	TYMC	≤100CFU/g	<10CFU/g
Conclusion	The product complies with the in-house standards		
Storage	Preserve in well-closed container at 2-8°C.		
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El presente documento es copia fiel del original.