

Supplemental Table 4. Validation parameters of ivermectin quantified using HPLC.

Validation parameters	Ivermectin	
Linearity expressed as R ²	0.99869	
Range(µg/mL)	4.6-18.4	
Precision	Intraday (RSD%)	0.1-1.1
	Inter-day (RSD%)	0.4-1.1
Recovery(%)	99.8	
Accuracy	100% (6 injection)	
	[95% Confidence Interval]	[-0.0001215-0.000073]
Limit of detection ^a (µg/mL)	0.7	
Limit of quantitation ^b (µg/mL)	2.2	
Specificity	Specific	

^aThe limit of detection (LOD) was determined based on a signal-to-noise ratio of 3.3:1.

^bThe limit of quantification (LOQ) was determined based on a signal-to-noise ratio of 10:1.