

Species	Formulation	Parameter (median (min, max))						
		Dose (mg)	Dose ( $\mu\text{g}/\text{kg}$ )	AUC ( $\text{ng}\cdot\text{h}/\text{mL}$ )	Dose normalized AUC ( $\text{ng}\cdot\text{h}/\text{mL}/(\text{mg}/\text{kg})$ )	$C_{\text{max}}$ ( $\text{ng}/\text{mL}$ )	Dose normalized $C_{\text{max}}$ ( $\text{ng}/\text{mL}/(\text{mg}/\text{kg})$ )	Half-life (days)
Buffalo	Standard	35	231.48	1,327.01	5,462.99	13.25	54.53	5.29
		(30-60)	(219.78-262.01)	(1,207.60-1,510.24)	(5,186.09-6,695.39)	(10.50-21.30)	(44.23-94.43)	(3.81-7.73)
	Long-lasting	189	724.91	4,064.90	5,624.60	6.75	8.71	30.08
		(189-220.5)	(706.54-819.70)	(2,753.67-8,428.46)	(3,839.11-10,282.34)	(3.99-10.9)	(5.56-14.88)	(24.03-45.87)
Cattle	Standard	45	205.61	5,475.66	23,588.04	37.1	143.42	4.15
		(40-50)	(202.43-352.42)	(4,699.12-7,129.21)	(17,162.69-34,505.35)	(15.1-49.9)	(74.59-243.89)	(3.40-8.19)
	Long-lasting	141.75	757.71	28,162.74	34,665.79	29.4	34.45	28.40
		(126-189)	(686.03-984.38)	(25,996.49-37,436.07)	(30,386.38-54,569.50)	(23.7-50.9)	(29.72-74.20)	(22.98-34.38)

Supplemental Table 1 depicts pharmacokinetic parameters of cattle and buffalo injected with standard and long-lasting ivermectin.

Parameters were presented as median (min, max). Administered doses were presented as dose in mg and dose per weight in  $\mu\text{g}/\text{kg}$ .

Pharmacokinetic parameters include area under the concentration-time curve (AUC), dose normalized AUC, maximum concentration ( $C_{\text{max}}$ ), dose normalized  $C_{\text{max}}$  and half-life.