

Run Date		01/05/2026								
Sample	Sample ID	Type	Assigned Value (ppm)	Instrument reading (ppb)	Sample Weight (g)	Extraction voln (mL)	Aliquot 1 (mL)	Aliquot 2 (mL)	Ivermectin Guarantee (µg/g)	Recovery (%)
Cattle Feed	STD 1	Standard	0.5	0.47						
	STD 2	Standard	1	0.95						
	STD 3	Standard	2.5	2.66						
	STD 4	Standard	5	5.20						
	STD 5	Standard	10	10.24						
	STD 6	Standard	25	24.48						
	BLK3			N/F						
	Matrix 1			N/F						
	Matrix 2			-0.17						
	BLK4			N/F						
	LS	QC	2	2.06	10	100	1	0.1	2.06	103%
	BLK5			N/F						
2hr-200ppm-5-P1	Sample 1	Medicated Feed	200	21.71	10	100	0.1	0.1	217.12	109%
2hr-200ppm-5-P2	Sample 2	Medicated Feed	200	19.71	10	100	0.1	0.1	197.10	99%
2hr-200ppm-5-P3	Sample 3	Medicated Feed	200	19.32	10	100	0.1	0.1	193.24	97%
2hr-200ppm-5-P4	Sample 4	Medicated Feed	200	20.60	10	100	0.1	0.1	205.98	103%
2hr-200ppm-5-P5	Sample 5	Medicated Feed	200	21.49	10	100	0.1	0.1	214.87	107%
	BLK6			N/F						
	MS	QC	10	10.036	10	100	1	0.1	10.04	100%
	BLK7			N/F						
2hr-200ppm-5-P6	Sample 6	Medicated Feed	200	20.818	10	100	0.1	0.1	208.18	104%
2hr-200ppm-5-P7	Sample 7	Medicated Feed	200	20.326	10	100	0.1	0.1	203.26	102%
2hr-200ppm-5-P8	Sample 8	Medicated Feed	200	20.461	10	100	0.1	0.1	204.61	102%
2hr-200ppm-5-P9	Sample 9	Medicated Feed	200	20.523	10	100	0.1	0.1	205.23	103%
2hr-200ppm-5-P10	Sample 10	Medicated Feed	200	18.686	10	100	0.1	0.1	186.86	93%
	BLK8			N/F						
	HS	QC	20	20.549	10	100	1	0.1	20.55	103%
	BLK9			N/F						
									Mean (ppm)	203.65
									SD (ppm)	9.25
									RSD (%)	4.54%

Note: Sample name represents mixing time, assigned value, bag number, and replicate number.

Run Date		01/08/2026								
Sample	Sample ID	Type	Assigned Value (ppm)	Instrument reading (ppb)	Sample Weight (g)	Extraction voln (mL)	Aliquot 1 (mL)	Aliquot 2 (mL)	Ivermectin Guarantee (µg/g)	Recovery (%)
Deer Feed	STD 1	Standard	0.5	0.43						
	STD 2	Standard	1	1.08						
	STD 3	Standard	2.5	2.57						
	STD 4	Standard	5	5.28						
	STD 5	Standard	10	10.02						
	STD 6	Standard	25	24.63						
	BLK3			N/F						
	Matrix 1			N/F						
	Matrix 2			-0.14						
	BLK4			N/F						
	L5	QC	2	2.13	10	100	1	0.1	2.13	106%
	BLK5			N/F						
2hr-20ppm-7-P1	2hr-20ppm-7-P1	Medicated Feed	20	19.96	10	100	1	0.1	19.96	100%
2hr-20ppm-7-P2	2hr-20ppm-7-P2	Medicated Feed	20	20.21	10	100	1	0.1	20.21	101%
2hr-20ppm-7-P3	2hr-20ppm-7-P3	Medicated Feed	20	21.54	10	100	1	0.1	21.54	108%
2hr-20ppm-7-P4	2hr-20ppm-7-P4	Medicated Feed	20	19.82	10	100	1	0.1	19.82	99%
2hr-20ppm-7-P5	2hr-20ppm-7-P5	Medicated Feed	20	20.71	10	100	1	0.1	20.71	104%
	BLK6			N/A						
	M5	QC	10	10.343	10	100	1	0.1	10.34	103%
	BLK7			N/F						
2hr-20ppm-7-P6	2hr-20ppm-7-P1	Medicated Feed	20	20.303	10	100	1	0.1	20.30	102%
2hr-20ppm-7-P7	2hr-20ppm-7-P2	Medicated Feed	20	20.805	10	100	1	0.1	20.81	104%
2hr-20ppm-7-P8	2hr-20ppm-7-P3	Medicated Feed	20	21.239	10	100	1	0.1	21.24	106%
2hr-20ppm-7-P9	2hr-20ppm-7-P4	Medicated Feed	20	21.691	10	100	1	0.1	21.69	108%
2hr-20ppm-7-P10	2hr-20ppm-7-P5	Medicated Feed	20	21.321	10	100	1	0.1	21.32	107%
	BLK8			N/F						
	H5	QC	20	19.847	10	100	1	0.1	19.85	99%
	BLK9			N/F						

Note: Sample name represents mixing time, assigned value, bag number, and replicate number.

Mean (ppm)	20.76
SD (ppm)	0.67
RSD (%)	3.24%

Run Date		01/10/2026								
Sample	Sample ID	Type	Assigned Value (ppm)	Instrument reading (ppb)	Sample Weight (g)	Extraction voln (mL)	Aliquot 1 (mL)	Aliquot 2 (mL)	Ivermectin Guarantee (µg/g)	Recovery (%)
Deer Feed	STD 1	Standard	0.5	0.47						
	STD 2	Standard	1	1.04						
	STD 3	Standard	2.5	2.54						
	STD 4	Standard	5	4.97						
	STD 5	Standard	10	10.16						
	STD 6	Standard	25	24.81						
	BLK3			N/F						
	Matrix 1			N/F						
	Matrix 2			-0.07						
	BLK4			N/F						
	LS	QC	2	2.10	10	100	1	0.1	2.10	105%
	BLK5			N/A						
2hr-75ppm-2-P1	Sample 1	Medicated Feed	75	18.05	10	100	0.25	0.1	72.19	96%
2hr-75ppm-2-P2	Sample 2	Medicated Feed	75	17.90	10	100	0.25	0.1	71.60	95%
2hr-75ppm-2-P3	Sample 3	Medicated Feed	75	18.43	10	100	0.25	0.1	73.73	98%
2hr-75ppm-2-P4	Sample 4	Medicated Feed	75	18.39	10	100	0.25	0.1	73.57	98%
2hr-75ppm-2-P5	Sample 5	Medicated Feed	75	17.91	10	100	0.25	0.1	71.66	96%
	BLK6			N/F						
	MS	QC	10	10.2	10	100	1	0.1	10.20	102%
	BLK7			N/F						
2hr-75ppm-2-P6	Sample 6	Medicated Feed	75	19.896	10	100	0.25	0.1	79.58	106%
2hr-75ppm-2-P7	Sample 7	Medicated Feed	75	18.433	10	100	0.25	0.1	73.73	98%
2hr-75ppm-2-P8	Sample 8	Medicated Feed	75	17.929	10	100	0.25	0.1	71.72	96%
2hr-75ppm-2-P9	Sample 9	Medicated Feed	75	18.619	10	100	0.25	0.1	74.48	99%
2hr-75ppm-2-P10	Sample 10	Medicated Feed	75	19.187	10	100	0.25	0.1	76.75	102%
	BLK8			N/F						
	HS	QC	20	20.624	10	100	1	0.1	20.62	103%
	BLK9			N/F						

Note: Sample name represents mixing time, assigned value, bag number, and replicate number.

Mean (ppm)	73.90
SD (ppm)	2.56
RSD (%)	3.46%

Run Date		01/12/2026								
Sample	Sample ID	Type	Assigned Value (ppm)	Instrument reading (ppb)	Sample Weight (g)	Extraction voln (mL)	Aliquot 1 (mL)	Aliquot 2 (mL)	Ivermectin Guarantee (µg/g)	Recovery (%)
Cattle Feed	STD 1	Standard	0.5	0.43						
	STD 2	Standard	1	1.08						
	STD 3	Standard	2.5	2.65						
	STD 4	Standard	5	4.84						
	STD 5	Standard	10	10.42						
	STD 6	Standard	25	24.58						
	BLK3			N/F						
	Matrix 1			N/F						
	Matrix 2			-0.09						
	BLK4			N/F						
	LS	QC	2	2.09	10	100	1	0.1	2.09	104%
	BLK5			N/F						
2hr-400ppm-8-P1	2hr-400 ppm-P1	Medicated Feed	400	15.65	10	100	0.04	0.1	391.33	98%
2hr-400ppm-8-P2	2hr-400 ppm-P2	Medicated Feed	400	15.45	10	100	0.04	0.1	386.13	97%
2hr-400ppm-8-P3	2hr-400 ppm-P3	Medicated Feed	400	15.33	10	100	0.04	0.1	383.15	96%
2hr-400ppm-8-P4	2hr-400 ppm-P4	Medicated Feed	400	15.34	10	100	0.04	0.1	383.43	96%
2hr-400ppm-8-P5	2hr-400 ppm-P5	Medicated Feed	400	15.90	10	100	0.04	0.1	397.58	99%
	BLK6			N/F						
	MS	QC	10	10.251	10	100	1	0.1	10.25	103%
	BLK7			N/F						
2hr-400ppm-8-P6	2hr-400 ppm-P6	Medicated Feed	400	15.07	10	100	0.04	0.1	376.83	94%
2hr-400ppm-8-P7	2hr-400 ppm-P7	Medicated Feed	400	15.03	10	100	0.04	0.1	375.85	94%
2hr-400ppm-8-P8	2hr-400 ppm-P8	Medicated Feed	400	15.39	10	100	0.04	0.1	384.80	96%
2hr-400ppm-8-P9	2hr-400 ppm-P9	Medicated Feed	400	15.67	10	100	0.04	0.1	391.80	98%
2hr-400ppm-8-P10	2hr-400 ppm-P10	Medicated Feed	400	15.98	10	100	0.04	0.1	399.60	100%
	BLK8			N/F						
	HS	QC	20	19.818	10	100	1	0.1	19.82	99%
	BLK9			N/F						
									Mean (ppm)	387.05
									SD (ppm)	7.98
									RSD (%)	2.06%

Note: Sample name represents mixing time, assigned value, bag number, and replicate number.