

S2 Table. Results of the within-run and between-run accuracy and precision for quantification of free carboplatin in plasma of chickens, ducks, pigeons and parakeets

Avian species	Theoretical concentration (ng/mL)	Mean concentration \pm SD (ng/mL)	Precision RSD (%)	Accuracy (%)
Chicken	20 ^a	17.3 \pm 1.33	7.7	-13.7
	50 ^a	44.3 \pm 1.32	3.0	-11.4
	50 ^b	46.1 \pm 4.07	8.8	-7.8
	500 ^a	490.8 \pm 5.13	1.0	-1.8
	500 ^b	459.7 \pm 33.26	17.2	-8.1
	5000 ^a	4504.1 \pm 168.95	3.8	-9.9
	5000 ^b	4380.1 \pm 236.55	5.4	-12.4
	20000 ^a	17088.9 \pm 442.97	2.6	-14.6
Duck	20 ^a	19.5 \pm 1.408	7.2	-2.7
	50 ^a	48.4 \pm 3.15	6.5	-3.2
	50 ^b	45.4 \pm 4.16	9.2	-9.1
	500 ^a	467.9 \pm 14.52	3.1	-6.4
	500 ^b	484.0 \pm 58.39	12.1	-3.2
	5000 ^a	4674.6 \pm 79.34	1.7	-6.5
	5000 ^b	4600.7 \pm 566.72	12.3	-8.0
	50000 ^a	48432.1 \pm 2486.40	5.1	-3.9
Pigeon	50 ^a	47.1 \pm 3.16	6.7	-5.9
	50 ^b	47.8 \pm 4.72	9.9	-4.4
	500 ^a	428.2 \pm 8.20	1.9	-14.4
	500 ^b	467.2 \pm 30.99	6.6	-6.6
	5000 ^a	4290.3 \pm 185.93	4.3	-14.2
	5000 ^b	4671.4 \pm 402.71	8.6	-6.6
	20000 ^a	19722.7 \pm 1936.54	9.8	-1.4
Parakeet	100 ^a	94.4 \pm 5.48	5.8	-5.6
	500 ^a	479.6 \pm 14.64	3.1	-4.1
	500 ^b	478.9 \pm 20.12	4.2	-4.2
	5000 ^a	5043.6 \pm 80.98	1.6	0.9
	5000 ^b	5274.1 \pm 202.51	3.8	5.5
	20000 ^a	20427.4 \pm 413.62	2.0	2.1

^a Within-run accuracy and precision (n=6)

^b Between-run accuracy and precision (n=6); SD: standard deviation; RSD: relative standard deviation; Acceptance criteria: accuracy: -20% to +10%, within-run precision (RSD_{max}): 20 ng/mL: 19.2%, 50 ng/mL: 16.7%, 500 ng/mL: 11.8%, 5000 ng/mL: 8.4%, 20000 ng/mL: 6.8%, 50000 ng/mL: 5.9%; between-run precision: 50 ng/mL: 25.1%, 500 ng/mL: 17.8%, 1000 ng/mL: 16.0%, 5000 ng/mL: 12.6%