				Full Concentration									1:10								Consensus		
				Northern Fur Seal (NFS)					KEMP		HUMAN		NFS				KEMP		HUMAN		NFS	KEMP	HUMAN
		extracted (g)	Density Index	Average copies/uL	SD	Average copies/g	SD	Percent Inhibition to 1:10	Average copies/uL	SD	Average copies/uL	SD	Average copies/uL	SD	Average copies/g	SD	Average copies/uL	SD	Average copies/uL	SD	Largest Average copies/mg	Largest Average copies/uL	Largest Average copies/uL
809007	No treatment 1	0.14	1.63	1.71	0.66	1220.81	0.47	-34.70	1.48	0.75	1.21	1.05	1.27	0.22	906.31	0.16	2.07	1.99	0.72	1.25	1220.81	2.07	1.21
Distal Segment	6.0%	0.19	1.88	1.28	0.18	672.48	0.09	54.08	0.00	0.00	0.13	0.13	2.78	1.68	1464.46	0.88	0.00	0.00	0.00	0.00	1464.46	0.00	0.13
	4.8%	0.16	1.79	1.24	0.25	773.18	0.16	-137.93	0.00	0.00	0.00	0.00	0.52	0.74	324.96	0.46	0.00	0.00	0.00	0.00	773.18	0.00	0.00
	3.6%	0.15	1.63	3.55	0.50	2368.78	0.33	-9207.15	0.00	0.00	0.00	0.00	0.04	0.05	25.45	0.04	0.00	0.00	0.00	0.00	2368.78	0.00	0.00
	No treatment 2	0.13	1.50	1.72	0.31	1324.18	0.24	-112.09	2.08	0.73	1.79	1.63	0.81	1.15	624.34	0.88	0.00	0.00	2.97	3.44	1324.18	2.08	2.97
	3.0%	0.17	1.60	1.80	0.56	1061.58	0.33	-11.76	0.00	0.00	0.00	0.00	1.61	2.28	949.90	1.34	0.00	0.00	1.03	1.78	1061.58	0.00	1.03
	1.5%	0.17	1.58	1.46	0.52	856.38	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	856.38	0.00	0.00
	0.6%	0.18	1.37	1.18	0.74	653.02	0.41	-21.25	0.00	0.00	0.22	0.31	0.97	1.37	538.59	0.76	11.13	22.27	0.00	0.00	653.02	11.13	0.22
	Water	0.17	1.47	6.86	0.26	4034.56	0.16	43.86	42.73	1.60	21.44	0.79	12.22	8.26	7186.99	4.86	46.79	21.61	14.32	20.25	7186.99	46.79	21.44
	No treatment 3	0.16	1.22	8.44	0.58	5276.15	0.36	6.11	39.70	12.23	32.22	3.20	8.99	5.43	5619.27	3.39	59.59	28.49	29.95	8.02	5619.27	59.59	32.22
	Extraction Control 1	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.00	0.00	did not test	n/a	n/a	n/a	0.00	0.00	1.07	1.51	0.00	0.00	1.07
	Extraction Control 2	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.00	0.00	did not test	n/a	n/a	n/a	0.00	0.00	0.81	1.40	0.00	0.00	0.81
809021	No treatment 1	0.44	1.58	25.47	3.09	5789.14	0.70	34.91	184.04	11.75	123.93	116.69	39.14	20.73	8894.39	4.71	269.66	124.21	171.89	98.39	8894.39	269.66	171.89
Distal Segment	6.0%	0.44	1.75	3.78	0.37	858.94	0.08	33.27	0.66	0.42	0.49	2.97	5.66	2.90	1287.17	0.66	0.00	0.00	0.00	0.00	1287.17	0.66	0.49
	4.8%	0.41	1.63	6.99	0.10	1704.90	0.02	27.13	0.40	0.12	0.39	0.37	9.59	2.75	2339.66	0.67	0.00	0.00	0.00	0.00	2339.66	0.40	0.39
	3.6%	0.36	1.91	6.92	0.46	1921.37	0.13	-13.27	0.85	0.23	1.49	0.81	6.11	0.07	1696.23	0.02	0.00	0.00	0.63	0.89	1921.37	0.85	1.49
	No treatment 2	0.42	1.70	11.84	1.33	2820.14	0.32	-19.10	118.96	47.35	81.61	96.68	9.95	0.34	2367.91	0.08	119.70	39.10	90.01	49.22	2820.14	119.70	90.01
	3.0%	0.37	1.68	70.03	17.51	18927.87	4.73	8.00	3.26	2.30	0.98	1.99	76.13	32.78	20574.78	8.86	1.50	2.60	0.00	0.00	20574.78	3.26	0.98
	1.5%	0.34	1.53	5.41	0.76	1590.37	0.22	44.60	0.82	0.07	1.21	1.22	9.76	2.74	2870.84	0.81	0.00	0.00	0.00	0.00	2870.84	0.82	1.21
	0.6%	0.47	1.69	11.95	1.93	2541.97	0.41	25.52	9.66	1.80	4.88	5.54	16.04	9.18	3413.15	1.95	10.77	8.90	3.65	1.44	3413.15	10.77	4.88
	No treatment 3	0.41	1.69	14.56	1.67	3552.21	0.41	-18.52	77.33	35.74	67.83	75.01	12.29	5.80	2997.24	1.41	102.43	23.85	43.81	22.66	3552.21	102.43	67.83
	Extraction Control	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.53	0.69	did not test	n/a	n/a	n/a	0.00	0.00	0.00	n/a	0.00	0.00	0.53
809038	No treatment 1	0.32	1.11	8.72	2.71	2724.53	0.85	7.47	53.68	0.97	60.97	14.05	9.42	4.41	2944.46	1.38	54.73	16.06	70.92	12.80	2944.46	54.73	70.92
Proximal Segment	6.0%	0.32	1.19	7.45	0.86	2328.12	0.27	-2.06	0.00	0.00	0.52	0.74	7.30	10.32	2281.16	3.23	0.00	0.00	0.00	0.00	2328.12	0.00	0.52
	4.8%	0.33	1.19	7.12	0.78	2158.26	0.24	-71.20	0.00	0.00	0.00	0.00	4.16	3.49	1260.68	1.06	0.00	0.00	0.00	0.00	2158.26	0.00	0.00
	3.6%	0.34	1.19	31.67	1.62	9315.56	0.48	-22.95	0.00	0.00	0.00	0.00	25.76	1.89	7576.84	0.56	0.00	0.00	0.00	0.00	9315.56	0.00	0.00
	No treatment 2	0.29	1.19	26.78	0.85	9233.31	0.29	-110.00	165.78	9.63	129.06	35.96	12.75	14.74	4396.74	5.08	152.62	30.58	154.95	41.27	9233.31	165.78	154.95
	3.0%	0.32	1.13	50.82	3.64	15881.95	1.14	14.90	0.14	0.20	0.19	0.28	59.72	12.80	18661.72	4.00	0.00	0.00	0.00	0.00	18661.72	0.14	0.19
	1.5%	0.3	1.19	20.37	0.83	6789.40	0.28	-47.95	0.19	0.09	0.45	0.40	13.77	1.75	4588.98	0.58	0.00	0.00	0.00	0.00	6789.40	0.19	0.45
	0.6%	0.3	1.14	25.61	6.24	8536.50	2.08	7.50	0.30	0.42	0.57	0.13	27.69	10.56	9228.43	3.52	0.00	0.00	0.00	0.00	9228.43	0.30	0.57
	Water	0.39	1.14	21.16	2.52	5425.36	0.65	-84.01	107.49	11.51	110.96	31.86	11.50	2.87	2948.47	0.74	89.19	33.83	109.13	17.94	5425.36	107.49	110.96
	No treatment 3	0.29	1.20	1.22	0.39	422.32	0.13	0.00	3.50	0.52	4.47	0.70	0.00	0.00	0.00	0.00	1.14	1.61	0.92	1.60	422.32	3.50	4.47
	Extraction Control 1	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.20	0.23	did not test	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.20
	Extraction Control 2	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.14	0.13	did not test	n/a	n/a	n/a	0.00	0.00	0.07	0.12	0.00	0.00	0.14
809039	No treatment 1	0.15	1.27	1884.32	693.97	1256213.33	462.65	48.46	553.95	4.16	569.28	412.83	3656.20	998.94	2437466.67	665.96	1078.69	173.54	996.83	393.47	2437466.67	1078.69	996.83
Proximal Segment	6.0%	0.19	1.26	1624.68	183.69	855094.74	96.68	19.15	5.41	0.53	0.98	1.39	2009.41	205.17	1057585.96	107.98	2.74	3.88	2.80	4.86	1057585.96	5.41	2.80
	4.8%	0.2	1.26	1874.81	129.09	937405.00	64.54	3.66	10.41	5.18	7.02	0.51	1946.02	464.95	973010.00	232.48	2.05	2.90	9.67	6.51	973010.00	10.41	9.67
	3.6%	0.2	1.26	1875.15	209.01	937572.50	104.51	-27.06	11.09	1.57	15.88	4.02	1475.74	34.76	737870.00	17.38	8.83	2.63	10.05	8.01	937572.50	11.09	15.88
	No treatment 2	0.23	1.28	1585.99	18.02	689560.87	7.83	-14.00	470.92	311.84	451.39	162.56	1391.23	105.33	604882.61	45.80	470.00	69.81	370.99	97.21	689560.87	470.92	451.39
	3.0%	0.22	1.34	3525.30	284.31	1602406.82	129.23	5.50	30.30	6.25	38.82	2.85	3730.60	425.26	1695725.00	193.30	26.68	13.19	33.36	3.71	1695725.00	30.30	38.82
	1.5%	0.23	1.28	3922.86	1400.29	1705589.13	608.82	-1.91	53.55	46.36	44.98	14.79	3849.26	93.12	1673589.13	40.49	57.40	20.46	61.52	5.48	1705589.13	57.40	61.52
	0.6%	0.2	1.36	2478.48	522.19	1239237.50	261.10	32.77	109.45	95.76	137.34	72.94	3686.55	42.64	1843275.00	21.32	113.45	11.75	136.14	38.31	1843275.00	113.45	137.34
	Water	0.2	1.15	1926.78	1683.03	963390.00	841.52	59.01	0.00	0.00	1242.84	199.80	4700.38	112.39	2350188.33	56.19	1534.08	100.19	1416.82	242.16	2350188.33	1534.08	1416.82
	No treatment 3	0.21	1.27	2239.84	283.51	1066588.10	135.01	-19.34	776.67	534.71	710.54	264.50	1876.83	31.93	893728.57	15.21	918.22	160.79	757.92	323.36	1066588.10	918.22	757.92
	Extraction Control 1	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.19	0.22	did not test	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.19
	Extraction Control 2	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	n/a	0.09	0.08	did not test	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.09
809039	No treatment 1	0.19	1.58	544.09	72.32	286363.51	38.06	22.56	113.38	48.38	69.15	11.70	702.58	37.16	369781.40	19.56	95.22	4.63	69.89	8.75	369781.40	113.38	69.89
Distal Segment	6.0%	0.2	1.48	314.25	30.34	157125.00	15.17	23.82	0.45	0.53	0.80	0.11	412.50	101.30	206251.75	50.65	0.85	1.20	1.90	2.69	206251.75	0.85	1.90
	4.8%	0.19	1.39	198.67	16.41	104563.95	8.64	39.74	0.47	0.16	0.98	0.10	329.71	21.25	173532.63	11.18	0.00	0.00	0.00	0.00	173532.63	0.47	0.98
	3.6%	0.19	1.37	950.95	167.91	500497.54	88.37	7.67	1.96	0.74	1.30	0.10	1029.97	25.84	542086.84	13.60	0.99	1.40	0.00	0.00	542086.84	1.96	1.30
	No treatment 2	0.18	1.35	280.88	43.04	156046.48	23.91	11.37	58.94	5.99	39.09	10.09	316.92	112.57	176067.41	62.54	48.27	9.75	36.57	3.05	176067.41	58.94	39.09
	3.0%	0.17	1.39	231.90	24.77	136413.24	14.57	34.57	0.48	0.62	0.82	0.22	354.44	51.60	208493.53	30.35	0.00	0.00	0.00	0.00	208493.53	0.48	0.82
	1.5%	0.16	1.34	504.77	45.51	315482.92	28.44	23.42	1.31	0.60	1.82	0.04	659.14	1.82	411962.92	1.14	1.40	1.98	0.90	1.27	411962.92	1.40	1.82
	0.6%	0.2	1.41	332.01	34.68	166003.75	17.34	30.94	126.29	10.33	68.73	2.50	480.78	59.68	240390.50	29.84	96.14	3.90	62.92	10.32	240390.50	126.29	68.73
	Water	0.19	1.36	462.54	31.30	243443.16	16.47	34.00	2.07	0.02	4.08	0.24	700.77	102.36	368826.67	53.87	3.76	2.85	1.39	1.97	368826.67	3.76	4.08
	No treatment 3	0.17	1.38	278.69	39.69	163937.45	23.35	31.88	88.09	6.50	64.68	3.67	409.13	65.40	240664.12	38.47	61.91	17.33	58.21	4.49	240664.12	88.09	64.68
	Extraction Control 1	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.65	0.92	did not test	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.65
	Extraction Control 2	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.40	0.57	did not test	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.40
809046	No treatment 1	0.21	1.53	213.06	14.48	101459.05	6.90	18.62	135.01	21.42	1.21	1.05	261.80	1.94	124668.33	0.92	126.43	14.78	0.72	1.25	124668.33	135.01	1.21
Distal Segment	6.0%	0.29	1.58	13.86	0.33	4777.81	0.11	-190.99	0.40	0.00	0.13	0.13	4.76	4.21	1641.91	1.45	0.00	0.00	0.00	0.00	4777.81	0.40	0.13
	4.8%	0.3	1.67	30.32	4.10	10107.86	1.37	33.72	0.75	0.28	0.00	0.00	45.75	2.26	15249.11	0.75	0.00	0.00	0.00	0.00	15249.11	0.75	0.00
	3.6%	0.24	1.55	51.03	6.42	21261.53	2.67	29.70	0.74	0.16	0.00	0.00	72.58	17.57	30242.64	7.32	1.10	0.82	0.00	0.00	30242.64	1.10	0.00
	No treatment 2	0.2	1.40	74.47	7.17	37234.43	3.59	-4.95	55.79	22.42	1.79	1.63	70.95	7.65	35476.70	3.82	62.45	6.10	2.97	3.44	37234.43	62.45	2.97
	3.0%	0.27	1.55	65.41	0.30	24225.44	0.11	-11.25	0.49	0.69	0.00	0.00	58.79	6.44	21775.30	2.39	1.26	2.18	1.03	1.78	24225.44	1.26	1.03
	1.5%	0.26	1.57	76.97	24.61	29603.47	9.47	11.10	1.66	0.49	0.00	0.00	86.58	5.83	33299.35	2.24	0.00	0.00	0.00	0.00	33299.35	1.66	0.00
	0.6%	0.28	1.51	52.53	1.14	18762.05	0.41	-14.37	2.45	1.80	0.22	0.31	45.93	5.51	16404.23	1.97	0.00	0.00	0.00	0.00	18762.05	2.45	0.22
	Water	0.24	1.57	40.16	3.71	16735.33	1.55	5.49	43.12	0.62	21.44	0.79	42.50	0.18	17706.90	0.07	35.11	9.51	14.32	20.25	17706.90	43.12	21.44
	No treatment 3	0.28	1.54	54.97	1.25	19631.57	0.45	13.46	46.53	40.42	32.22	3.20	63.52	3.88	22685.75	1.38	68.87	10.61	29.95	8.02	22685.75	68.87	32.22
	Extraction Control 1	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	n/a	n/a	n/a	0.00	0.00	1.07	1.51	0.00	0.00	1.07
	Extraction Control 2	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.00	0.00	did not test	n/a	n/a	n/a	0.00	0.00	0.81	1.40	0.00	0.00	0.81
809053	No treatment 1	0.27	1.63	60.93	8.49	22567.98	3.15	17.24	97.10	12.08	59.99	12.92	73.63	19.44	27270.63	7.20	81.83	16.14	51.08	6.22	27270.63	97.10	59.99
Distal Segment	6.0%	0.29	1.71	1.75	1.29	601.90	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	601.90	0.00	0.00
	4.8%	0.3	1.72	4.08	1.00	1359.66	0.33	36.42	0.33	0.29	0.28	0.01	6.42	0.34	2138.66	0.11	0.00	0.00	0.00	0.00	2138.66	0.33	0.28
	3.6%	0.3	1.77	2.97	0.37	989.35	0.12	17.88	0.00	0.00	0.04	0.07	3.61	1.83	1204.82	0.61	0.00	0.00	0.62	1.08	1204.82	0.00	0.62
	No treatment 2	0.3	1.74	87.39	13.87	29131.63	4.62	20.23	121.99	21.80	103.71	31.51	109.55	8.25	36517.33	2.75	117.91	16.27	104.52	31.84	36517.33	121.99	104.52
	3.0%	0.24	1.73	5.88	2.07	2450.55	0.86	-50.72	0.26	0.29	0.16	0.16	3.90	1.48	1625.86	0.62	0.00	0.00	0.00	0.00	2450.55	0.26	0.16
	1.5%	0.24	1.63	10.15	0.13	4229.31	0.05	41.12	0.25	0.36	0.36	0.17	17.24	0.23	7182.60	0.10	2.59	0.20	0.00	0.00	7182.60	2.59	0.36
	0.6%	0.3	1.77	9.42	1.16	3141.38	0.39	-3.10	0.49	0.70	0.30	0.15	9.14	7.93	3046.80	2.64	0.00	0.00	0.73	1.03	3141.38	0.49	0.73
	Water	0.34	1.92	28.23	1.60	8302.99	0.47	9.93	36.01	14.10	32.54	2.89	31.34	7.02	9218.34	2.07	53.63	4.42	30.93	8.62	9218.34	53.63	32.54
	No treatment 3	0.26	1.84	12.43	1.68	4780.85	0.65	22.13	18.08	1.62	16.12	1.90	15.96	6.55	6139.68	2.52	20.22	12.02	8.34	1.86	6139.68	20.22	16.12
	Extraction Control 1	n/a	n/a	0.00	0.00	n/a	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	n/a	n/a	0.00	0.00	0.00	0.00	0.00	0.00	0.00