

# Aroma Sciences Dose Rate Chart

Parts per Million (ppm)

Dose Rate ppm	Dose in milliliters to the listed sample volume							1 liter of product treats			Beverage ABV
	100ml	200ml	12 oz	750ml	1 US Gal	hl	Bbl	9 l Cases	1 hl	1Bbl	Increase
250	0.03	0.05	0.09	0.19	0.95	25	29.3	444.4	40.0	34.2	0.02%
500	0.05	0.10	0.18	0.38	1.89	50	58.5	222.2	20.0	17.1	0.04%
750	0.08	0.15	0.27	0.56	2.84	75	87.8	148.1	13.3	11.4	0.06%
1,000	0.10	0.20	0.35	0.75	3.79	100	117.0	111.1	10.0	8.5	0.08%
1,250	0.13	0.25	0.44	0.94	4.73	125	146.3	88.9	8.0	6.8	0.09%
1,500	0.15	0.30	0.53	1.13	5.68	150	175.5	74.1	6.7	5.7	0.11%
1,750	0.18	0.35	0.62	1.31	6.62	175	204.8	63.5	5.7	4.9	0.13%
2,000	0.20	0.40	0.71	1.50	7.57	200	234.0	55.6	5.0	4.3	0.15%
2,500	0.25	0.50	0.89	1.88	9.46	250	292.5	44.4	4.0	3.4	0.19%
3,000	0.30	0.60	1.06	2.25	11.36	300	351.0	37.0	3.3	2.8	0.23%
3,500	0.35	0.70	1.24	2.63	13.25	350	409.5	31.7	2.9	2.4	0.26%
4,000	0.40	0.80	1.42	3.00	15.14	400	468.0	27.8	2.5	2.1	0.30%
4,500	0.45	0.90	1.60	3.38	17.03	450	526.5	24.7	2.2	1.9	0.34%
5,000	0.50	1.00	1.77	3.75	18.93	500	585.0	22.2	2.0	1.7	0.38%