



Addition Volumes for Trials using a 5% solution

Dosage		Sample Volume, mL					
ppm	lbs/1000 gal	250	375	400	500	750	1000
10	0.08	0.05	0.08	0.08	0.10	0.15	0.20
20	0.17	0.10	0.15	0.16	0.20	0.30	0.40
30	0.25	0.15	0.23	0.24	0.30	0.45	0.60
40	0.33	0.20	0.30	0.32	0.40	0.60	0.80
50	0.42	0.25	0.38	0.40	0.50	0.75	1.00
60	0.50	0.30	0.45	0.48	0.60	0.90	1.20
70	0.58	0.35	0.53	0.56	0.70	1.05	1.40
80	0.67	0.40	0.60	0.64	0.80	1.20	1.60
90	0.75	0.45	0.68	0.72	0.90	1.35	1.80
100	0.83	0.50	0.75	0.80	1.00	1.50	2.00
125	1.04	0.63	0.94	1.00	1.25	1.88	2.50
150	1.25	0.75	1.13	1.20	1.50	2.25	3.00
175	1.46	0.88	1.31	1.40	1.75	2.63	3.50
200	1.67	1.00	1.50	1.60	2.00	3.00	4.00
300	2.50	1.50	2.25	2.40	3.00	4.50	6.00
400	3.34	2.00	3.00	3.20	4.00	6.00	8.00

Notes: 5% Solution = 2.5g powdered product dissolved in 50mL distilled water.

Some products may not completely dissolve so mixing between additions is recommended

100ppm = 0.100g/L = 0.834 lbs/1000 gallons

Other dosage rates can be calculated using the formula:

$$\text{Volume of Solution in mL} = \frac{(\text{Desired Dosage in ppm}) \times (\text{Volume of Wine Sample in mL})}{(\text{Concentration of Solution in ppm})}$$