

USE 10% SOLUTION FOR ALL SIY/INACTIVATED YEAST ADDITIONS

To make a 10% solution, add 10 grams of product and then add water to ~80 mL.
Mix well and top with water to 100 mL. Use 1 mL or 5 mL graduated pipettes to make additions.

10% SOLUTION OF PRODUCT

TARGET DOSAGE	SAMPLE BOTTLE SIZE					
	100 mL	250 mL	375 mL	500 mL	750 mL	For Barrel 225 L
3 g/hL 30 ppm	0.03	0.075	0.1125	0.15	0.225	
5 g/hL 50 ppm	0.05	0.125	0.1875	0.25	0.375	
7 g/hL 70 ppm	0.07	0.175	0.2625	0.35	0.525	
10 g/hL 100 ppm	0.1	0.25	0.375	0.5	0.75	225 mL
15 g/hL 150 ppm	0.15	0.375	0.5625	0.75	1.125	
20 g/hL 200 ppm	0.2	0.5	0.75	1.0	1.5	450 mL
25 g/hL 250 ppm	0.25	0.625	0.9375	1.25	1.875	
30 g/hL 300 ppm	0.3	0.75	1.125	1.5	2.25	675 mL
35 g/hL 350 ppm	0.35	0.875	1.3125	1.75	2.625	
40 g/hL 400 ppm	0.4	1.0	1.5	2.0	3.0	900 mL
45 g/hL 450 ppm	0.45	1.125	1.6875	2.25	3.375	
50 g/hL 500 ppm	0.5	1.25	1.875	2.5	3.75	1.125 L
60 g/hL 600 ppm	0.6	1.5	2.25	3.0	4.5	1.35 L
70 g/hL 700 ppm	0.7	1.75	2.625	3.5	5.25	1.575 L
80 g/hL 800 ppm	0.8	2.0	3.0	4.0	6.0	1.8 L
100 g/hL 1000 ppm	1.0	2.5	3.75	5.0	7.5	2.25 L
150 g/hL 1500 ppm	1.5	3.75	5.625	7.5	11.25	
200 g/hL 2000 ppm	2.0	5.0	7.5	10.0	15.0	



5% SOLUTIONS FOR BENCH TRIAL ADDITIONS

To make a 5% solution, add 5 grams of product and then add water to ~80 mLs.

Mix well and top with water to 100 mLs.

5% SOLUTION OF PRODUCT

TARGET DOSAGE	SAMPLE BOTTLE SIZE					
g/hL or mL/hL	100 mL	250 mL	375 mL	500 mL	750 mL	For Barrel 225 L
3 g/hL 30 ppm	0.06	0.15	0.225	0.3	0.45	
5 g/hL 50 ppm	0.1	0.25	0.375	0.5	0.75	
7 g/hL 70 ppm	0.14	0.35	0.525	0.7	1.05	
10 g/hL 100 ppm	0.2	0.5	0.75	1.0	1.5	450 mL
15 g/hL 150 ppm	0.3	0.75	1.125	1.5	2.25	
20 g/hL 200 ppm	0.4	1.0	1.5	2.0	3.0	900 mL
25 g/hL 250 ppm	0.5	1.25	1.875	2.5	3.75	
30 g/hL 300 ppm	0.6	1.5	2.25	3.0	4.5	1.35 L
35 g/hL 350 ppm	0.7	1.75	2.625	3.5	5.25	
40 g/hL 400 ppm	0.8	2.0	3.0	4.0	6.0	1.8 L
45 g/hL 450 ppm	0.9	2.25	3.375	4.5	6.75	
50 g/hL 500 ppm	1.0	2.5	3.75	5.0	7.5	2.25 L
60 g/hL 600 ppm	1.2	3.0	4.5	6.0	9.0	2.70 L
70 g/hL 700 ppm	1.4	3.5	5.25	7.0	10.5	3.15 L
80 g/hL 800 ppm	1.6	4.0	6.0	8.0	12.0	3.6 L
100 g/hL 1000 ppm	2.0	5.0	7.5	10.0	15.0	4.5 L
150 g/hL 1500 ppm	3.0	7.5	11.25	15.0	22.5	
200 g/hL 2000 ppm	4.0	10.0	15.0	20.0	30.0	



USE 2.5% SOLUTION FOR ALL TANNIN ADDITIONS

To make a 2.5% solution, add 10 grams of product and then add water to ~80 mL. Mix well and top with water to 100 mL. Use warm water when using Tannin Riche.

2.5% SOLUTION OF PRODUCT

TARGET DOSAGE	SAMPLE BOTTLE SIZE				
	100 mL	250 mL	375 mL	500 mL	750 mL
3 g/hL 30 ppm	0.12	0.3	0.45	0.6	0.9
5 g/hL 50 ppm	0.2	0.5	0.75	1.0	1.5
7 g/hL 70 ppm	0.28	0.7	1.05	1.4	2.1
10 g/hL 100 ppm	0.4	1.0	1.5	2.0	3.0
15 g/hL 150 ppm	0.6	1.5	2.25	3.0	4.5
20 g/hL 200 ppm	0.8	2.0	3.0	4.0	6.0
25 g/hL 250 ppm	1.0	2.5	3.75	5.0	7.5
30 g/hL 300 ppm	1.2	3.0	4.5	6.0	9.0
35 g/hL 350 ppm	1.4	3.5	5.25	7.0	10.5
40 g/hL 400 ppm	1.6	4.0	6.0	8.0	12.0
45 g/hL 450 ppm	1.8	4.5	6.75	9.0	13.5
50 g/hL 500 ppm	2.0	5.0	7.5	10.0	15.0
60 g/hL 600 ppm	2.4	6.0	9.0	12.0	18.0
70 g/hL 700 ppm	2.8	7.0	10.5	14.0	21.0
80 g/hL 800 ppm	3.2	8.0	12.0	16.0	24.0
100 g/hL 1000 ppm	4.0	10.0	15.0	20.0	30.0
150 g/hL 1500 ppm	6.0	15.0	22.5	30.0	45.0
200 g/hL 2000 ppm	8.0	20.0	30.0	40.0	60.0

