

Table 1 (a). Results of the t-test of the third harmonic contents of living and dead yeast suspensions at each voltage tested.

Voltage(V)	Yeast cell	Number of experiments	3 rd harmonic content rate average (%)	3 rd harmonic content rate standard deviation (%)	Significance level (t-test)
0.8	living	5	4.1	0.3	P<0.01
	dead	4	2.2	0.2	
0.9	living	5	5.1	0.5	P<0.01
	dead	4	2.8	0.2	
1.0	living	5	7.8	0.3	P<0.01
	dead	4	3.8	0	
1.1	living	5	10.7	0.2	P<0.01
	dead	4	5.1	0.5	
1.2	living	5	12.3	0.2	P<0.01
	dead	4	6.2	0.3	

Table 1 (b). Results of the t-test of the third harmonic contents of living and dead yeast suspensions at each frequency tested.

Frequency (Hz)	Yeast cell	Number of experiments	3 rd harmonic content rate average (%)	3 rd harmonic content rate standard deviation (%)	Significance level (t-test)
8	living	5	14.9	0.2	P<0.01
	dead	4	6.2	0.7	
11	living	5	14.1	0.3	P<0.01
	dead	4	6.7	0.2	
14	living	5	12.3	0.2	P<0.01
	dead	4	6.2	0.3	
22	living	5	10.1	0.1	P<0.01
	dead	4	5.6	0.3	
30	living	5	8.0	0.2	P<0.01
	dead	4	5.0	0.1	
50	living	5	4.6	0.1	P<0.01
	dead	4	3.1	0.1	
100	living	5	1.4	0.2	0.01<P<0.05
	dead	4	1.1	0	