

Trial	Water Volume (mL)	Frequency (rads/sec)
1	200	1192.5486
2	232	1255.3804
3	249	1289.3096
4	260	1319.4689
5	281	1359.6813
6	291	1389.8406
7	305	1437.5928
8	322	1500.4247
9	337	1535.6105
10	363	1647.4512
11	371	1678.8671
12	377	1749.2388
13	393	1755.522
14	401	1822.1237
15	421	1940.2476
16	436	2055.8582
17	442	2109.8936
18	449	2167.6989
19	457	2241.8405
20	465	2343.6281
21	476	2470.5485
22	486	2636.4246
23	493	2715.5927
24	500	2909.1148
25	515	3347.6811
26	525	4051.3979
27	535	4424.6191
28	543	5203.7341
29	552	6302.0349
30	560	7458.141