

ml's	Ca+	dKH	Mg++
0.00	500	16.0	1500
0.02	490	15.7	1470
0.04	480	15.4	1440
0.06	470	15.0	1410
0.08	460	14.7	1380
0.10	450	14.4	1350
0.12	440	14.1	1320
0.14	430	13.8	1290
0.16	420	13.4	1260
0.18	410	13.1	1230
0.20	400	12.8	1200
0.22	390	12.5	1170
0.24	380	12.2	1140
0.26	370	11.8	1110
0.28	360	11.5	1080
0.30	350	11.2	1050
0.32	340	10.9	1020
0.34	330	10.6	990
0.36	320	10.2	960
0.38	310	9.9	930
0.40	300	9.6	900
0.42	290	9.3	870
0.44	280	9.0	840
0.46	270	8.6	810
0.48	260	8.3	780
0.50	250	8.0	750
0.52	240	7.7	720
0.54	230	7.4	690
0.56	220	7.0	660
0.58	210	6.7	630
0.60	200	6.4	600
0.62	190	6.1	570
0.64	180	5.8	540
0.66	170	5.4	510
0.68	160	5.1	480
0.70	150	4.8	450
0.72	140	4.5	420
0.74	130	4.2	390
0.76	120	3.8	360
0.78	110	3.5	330
0.80	100	3.2	300
0.82	90	2.9	270
0.84	80	2.6	240
0.86	70	2.2	210
0.88	60	1.9	180
0.90	50	1.6	150
0.92	40	1.3	120
0.94	30	1.0	90
0.96	20	0.6	60
0.98	10	0.3	30

### Calcium Testing

- 1) Add 2 ml of water to test vial
- 2) Add 1 level spoon of Ca-1 to vial
- 3) Add 8 drops of Ca-2 to vial then swirl 10 sec
- 4) Draw up 1 ml of CA-3 in syringe
- 5) Add 1 drop at a time of CA-3 from syringe to vial
- 6) Swirl after each drop
- 7) Continue until color changes from pink to blue
- 8) Read syringe to measure Calcium level

### Alkalinity Testing

- 1) Add 4 ml of water to test vial
- 2) Shake KH-Ind dropping bottle a few times
- 3) Add 2 drops of KH-Ind to vial
- 4) Draw up 1 ml of KH reagent in syringe
- 5) Add 1 drop at a time of KH reagent to vial
- 6) Swirl after each drop
- 7) Continue until color changes from blue to red
- 8) Read syringe to measure Alkalinity level

### Magnesium Testing

- 1) Add 3 ml of water to test vial
- 2) Add 6 drops of Mg-1, swirl for 30 sec
- 3) Add 1 spoon of Mg-2 powder, swirl 10 sec
- 4) Draw up 1 ml of Mg-3 reagent in syringe
- 5) Add 1 drop at a time of Mg-3 reagent to vial
- 6) Swirl after each drop
- 7) Continue until color changes to grey or blue
- 8) Read syringe to measure Mag level