



Saltwater Empire's - Reef Tank Level, and Salifert Test Kit Cheat Sheet

ALK - Salifert Test Kit		
1)	4ml tank water	
2)	shake KH-Ind	
3)	2 drops KH-Ind	
4)	titrate KH reagent	
4b)	blue/green --> red	
CA - Salifert Test Kit		
1)	2ml tank water	
2)	Spoon CA-1	
3)	8Drops CA-2	
4)	Swirl 10sec	
5)	Titrate CA-3	
5b)	Pink --> blue	
MAG - Salifert Test Kit		
1)	2ml tank water	
2)	4 drops Mg-1	
3)	Swirl 30 sec	
4)	spoon Mg-2	
5)	swirl 10 sec	
6)	Titrate Mg-3	
6b)	various --> Blue grey	
Safe Ranges:		Targets:
ALK	7KH - 11KH	8KH - 10KH
CA	380-500	400-440
Mg	1250-1800	1350-1500
sg	1.023 - 1.027	
Temp	74-82	76-79
PH	7.7-8.6	8.0-8.4

Please do not worry
if you are in safe ranges.

	Typical Target Level
	Alkalinity
	Calcium
	Magnesium

Happy Reefing - Team SWE

ml	PPM	KH	meg/L	CA	Mg
0.00	291	16.3	5.71	500	1500
0.02	286	16.0	5.60	490	1470
0.04	280	15.7	5.49	480	1440
0.06	273	15.3	5.37	470	1410
0.08	268	15.0	5.26	460	1380
0.10	262	14.7	5.15	450	1350
0.12	256	14.4	5.03	440	1320
0.14	250	14.0	4.91	430	1290
0.16	244	13.7	4.80	420	1260
0.18	239	13.4	4.69	410	1230
0.20	232	13.0	4.57	400	1200
0.22	226	12.7	4.46	390	1170
0.24	221	12.4	4.34	380	1140
0.26	214	12.0	4.23	370	1110
0.28	208	11.7	4.11	360	1080
0.30	203	11.4	4.00	350	1050
0.32	196	11.1	3.89	340	1020
0.34	191	10.7	3.77	330	990
0.36	185	10.4	3.66	320	960
0.38	180	10.1	3.54	310	930
0.40	173	9.7	3.43	300	900
0.42	167	9.4	3.31	290	870
0.44	162	9.1	3.20	280	840
0.46	155	8.7	3.09	270	810
0.48	150	8.4	2.97	260	780
0.50	144	8.1	2.86	250	750
0.52	139	7.8	2.74	240	720
0.54	132	7.4	2.63	230	690
0.56	126	7.1	2.51	220	660
0.58	121	6.8	2.40	210	630
0.60	114	6.4	2.29	200	600
0.62	109	6.1	2.17	190	570
0.64	103	5.8	2.06	180	540
0.66	96	5.4	1.94	170	510
0.68	91	5.1	1.83	160	480
0.70	85	4.8	1.71	150	450
0.80	57	3.2	1.14	100	300
0.90	28	1.6	0.57	50	150
0.98	18	0.3	0.11	10	30