

Pool/Spa Water Chemistry Guide

Public Swimming Pool:

Parameter	Minimum	Ideal	Maximum
Free Chlorine (ppm)	1	2-4	N/A (recommended not higher than 5)
Combined Chlorine (ppm)	0	0	1
Total Bromine (ppm)	2	4-6	N/A (recommended not higher than 10)
pH	7.2	7.4-7.6	7.8
Total Alkalinity (ppm)	60	80-120	Should not impair ability to meet other required chemical/clarity parameters
Total Dissolved Solids (ppm)	Shall not maintain any level that impairs ability to meet required chemical/clarity parameters		
Cyanuric Acid (ppm)	0	30-50	70
Temperature	N/A	Personal Preference	90°F
ORP	650		Calibrate to disinfectant level
Clarity	Deepest point of pool visible from deck		

Public Spa:

Parameter	Minimum	Ideal	Maximum
Free Chlorine (ppm)	2	3-4	N/A (recommended not higher than 10)
Combined Chlorine (ppm)	0	0	1
Total Bromine (ppm)	4	4-6	N/A (recommended not higher than 10)
pH	7.2	7.4-7.6	7.8
Total Alkalinity (ppm)	60	80-120	Should not impair ability to meet other required chemical/clarity parameters
Total Dissolved Solids (ppm)	Shall not maintain any level that impairs ability to meet required chemical/clarity parameters		
Cyanuric Acid (ppm)	0	30-50	70
Temperature	N/A	Personal Preference	104°F
ORP	650		Calibrate to disinfectant level
Clarity	Deepest point of spa visible from deck		