



Ideal Ranges for Your Pool or Spa Water

Test Factor	Pools PPM	Spas PPM
Free Chlorine (FCI)	1.0 - 3.0	2.0 - 4.0
Total Chlorine (TCI)	< 0.5 above FCI	<0.5 above FCI
Total Alkalinity (TA)	80 - 120* 100 - 150**	80 - 120* 100 - 150**
pH	7.2 - 7.8	7.2 - 7.8
Total Hardness	200 - 500	175 - 350

*Use a 80-120 alkalinity range for pools/spas using high pH sanitizers such as sodium hypochlorite [liquid bleach] or calcium hypochlorite. Use this range if Total Hardness is >300.

** A higher (100-150) alkalinity range is best for pools/spas using low pH sanitizers such as stabilized forms called dichlor or trichlor as well as bromine.