



Quick Chemical Reference Guide

Ideal chemical ranges

Alkalinity:	80+ ppm
pH:	7.2 – 7.8 ppm
Chlorine:	2.0 – 10.0
Cyanuric Acid (stabilizer):	50 ppm max

100 – 120 Ideal

Alkalinity

Low (less than 80 ppm)
Symptoms: pH "bounce"
Add Sodium Bicarbonate
or Alkalinity Up

High (more than 140 ppm)
Symptoms: Cloudy water (unlikely)
Add Muriatic Acid, typically
adjustments are unnecessary
for high alkalinity

7.4 Ideal

pH

Low (less than 7.2 ppm)
Symptoms: Acidic water
Very corrosive water
Add Soda Ash

High (more than 7.8 ppm)
Symptoms: Cloudy water
Add Muriatic Acid

4.0-5.0 Ideal

Chlorine

Low (less than 2.0 ppm)
Symptoms: Cloudy or Green water
Unable to kill bacteria and algae
Shock, add tablets, check salt cell

High (more than 7.0 ppm)
Symptoms: Burning eyes
Corrosive water
Dilute with fresh water

30-50 ppm outdoor and 0 ppm indoor is Ideal

Cynuric Acid

Low (less than 30 ppm)
Symptoms: Low chlorine levels
Add Stabilizer

High (more than 100 ppm)
Symptoms: Chlorine lock
Drain pool half way and fill