

# HARDNESS (TOTAL)

Determination of Total Hardness (as CaCO<sub>3</sub>) Range: 0 - 60ppm

Take sample according to expected range.

Add  
**3 drops of TH5**

Count drops of  
**TH3**  
until **pure blue**.



**Total Hardness ppm (as CaCO<sub>3</sub>) = Number of Drops x Factor**

Expected Range	Sample Size	Titrant Used	Factor
5 – 15	40ml	TH3	0.5
10 – 30	20ml	TH3	1
20 – 60	10ml	TH3	2