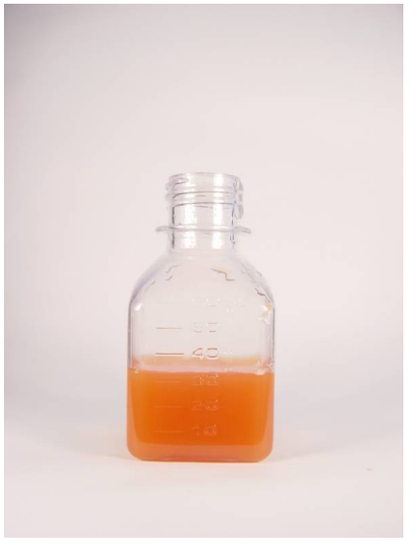
M ALKALINITY

Determination of M Alkalinity Range 50 - 600ppm (as $CaCO_3$)

Take sample according to expected range.	Add drops of **TA4** **(4.5 Indicator)** to give a **blue** colour.	Count drops of **TA3** until **yellow/orange**.	Record Number of drops.






Colours may vary depending on sample and test conditions.

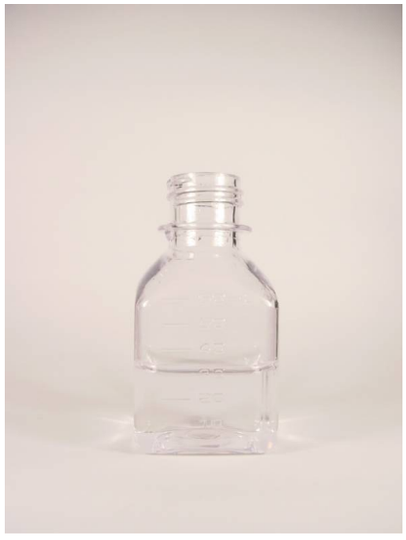
Total Alkalinity (as $CaCO_3$) ppm (mg/l) = Number of Drops TA3 x Factor

Expected Range	Titrant Used	Sample Size	Factor
50 – 150	TA3	40ml	5
100 – 300	TA3	20ml	10
200 – 600	TA3	10ml	20

P ALKALINITY

Determination of P Alkalinity Range 50 - 600ppm (as $CaCO_3$)

Take sample according to expected range.	Add **3 drops of PA1** If sample does not turn pink, P Alk. = 0ppm.	Count drops of **TA3** until sample just turns **clear**.	Record Number of drops.




Colours may vary depending on sample and test conditions.

P Alkalinity (as $CaCO_3$) ppm (mg/l) = Number of Drops TA3 x Factor

Expected Range	Titrant Used	Sample Size	Factor
50 – 150	TA3	40ml	5
100 – 300	TA3	20ml	10
200 – 600	TA3	10ml	20