

Total Hardness as CaCO₃

Fill Vial to 20ml line. Add 5 drops KW-13, Swirl to mix,

Add KW-14 One drop at a time, mix between each drop

Count number of KW-14 drops required for sample to change from purple/red to a pure blue

Hardness = drops KW-14 used x 10ppm (1of)

e.g. 20 drops = 200 ppm

In very hard water areas fill vial to 10ml line.

Hardness = drops KW-14 used x 20 ppm (2of)

e.g. 20 drops = 400 ppm

Drop Tests

When adding drops of KW-14, hold Bottle vertically upside down and allow drops to form slowly and drop off under their own weight (do not shake drops off)

Apply gentle pressure to the bottle if necessary to encourage drop formation

As a guide water in the London area is approximately 300-330 ppm