

## **Total Hardness as CaCO<sub>3</sub>**

**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**