

# QAC Sanitizer Test Kit

KS-1002B/50

1 Drop = 50 ppm Quat

1. Fill the graduated reaction vial (PS-1060) to 8.8 mL of sample using the syringe (PS-0202).
2. Add 5 drops of Quat Indicator Solution (RS-0016) and mix by swirling.
3. Add 3 drops of Alkalinity Titrating Solution (RS-0003) and mix by swirling. The sample will be pink/orange at this stage.
4. Titrate with SLS 0.05 N Solution (RS-0013), drop by drop, swirling after each drop, until the sample turns blue. **CAUTION:** Titrate slowly. Do not press the bottle too fast or hard to prevent dispensing smaller drops of titrating solution.

$$\text{ppm of Quat} = \# \text{ of Drops of SLS 0.05 N Solution Used to Change the Color} \times 50$$

## Replacement Reagents & Parts

RS-0013	2oz	SLS 0.05 N Solution
RS-0003	2oz	Alkalinity Titrating Solution
RS-0016	2oz	Quat Indicator Solution
PS-0202	Each	12 mL Syringe
PS-1060	Each	Graduated Reaction Vial
PW-1110	Each	Test Kit Box w/ Foam Insert & Bottom Foam Pad