

Anionic Surfactant Test Kit

KS-0500B

1 Drop = 50 ppm Surfactant as SLS

1. Fill the graduated reaction vial (PS-1060) to 8 ml with the sample using the syringe (PS-0202).
2. Add 5 drops of Thymol Blue Indicator Solution (RS-0023) and mix by swirling.
3. Add 3 drops of Alkalinity Titrating Solution (RS-0003) and mix by swirling. The sample will be violet/ purple at this stage. If the sample is yellow, there is not enough detergent present to test.
4. Titrate with Cationic 0.05 N Solution (RS-0020), drop by drop, swirling after each drop, until the sample turns from violet to yellow. **CAUTION:** Titrate slowly. Do not press the bottle too fast or hard to prevent dispensing smaller drops of titrating solution.

ppm of Anionic Detergent = # of Drops of Cationic 0.05 N Solution Used to Change the Color x 50

Replacement Reagents & Parts

RS-0020	2oz	Cationic 0.05 N Solution
RS-0003	2oz	Alkalinity Titrating Solution
RS-0023	2oz	Thymol Blue 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