

Control Procedure for TURCO® 6849

Apparatus:

1. pH Meter
2. Beaker, 250 ml
3. Pipette, 25 ml
4. Burette, 50 ml

Reagents:

1. 0.1 N Sulfuric Acid
2. Bromo-cresol Green, 0.1% in isopropyl alcohol

Procedure:

1. Obtain a sample from the tank and cool to room temperature.
2. Pipette 25 ml sample into a 250 ml beaker containing 50 ml DI water.
3. Titrate with 0.1 N sulfuric acid to pH 4.
(Warning: check MSDS, use safety glasses and protective clothing)
4. If pH meter is not available add 5-8 drops of Bromo-cresol Green Indicator.
Titrate with 0.1 N sulfuric acid until the color of the solution changes from blue green to yellow.

Calculation:

ml of 0.1 N sulfuric acid X 0.63 = % Turco 6849 (using Bromo-cresol Green Indicator)

ml of 0.1 N sulfuric acid X 0.55 = % Turco 6849 (using pH meter)

Recommended Concentration: 10 -20%

NOTICE:

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