

## **TURCO<sup>®</sup> 4215 NC-LT Control Procedure**

### **Apparatus**

- 100 ml Graduated cylinder
- 300 ml Erlenmeyer
- Burette
- Dropper bottle for indicator
- pH meter
- Magnetic stirrer

### **Reagents**

- 1,0 N sulphuric acid
- Methyl orange indicator solution

### **Procedure**

- Transfer 100 ml of sample by means of the graduated cylinder into the Erlenmeyer
- (If pH meter is not available add 3 drops of methyl orange indicator)
- Titrate with 1,0 N sulphuric acid to pH 4,3 or end point (orange)

### **Calculation**

$$V_{\text{H}_2\text{SO}_4} * 2,4 = \text{g/l T 4215 NC LT}$$

- $V_{\text{H}_2\text{SO}_4}$  = Volume sulphuric acid added to solution (ml)

### **Maintenance**

Maintain bath concentration within recommended range by adding fresh materials

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