

TURCO[®] Aviation

CONTROL METHOD

Apparatus

- 250 ml Graduated cylinder
- 300 ml Conical flask
- 10 ml pipette
- Burette 10 ml
- Dropper bottle for indicator

Reagents

- 1,0 N (0.5M) sulphuric acid
- Methyl orange (0.1% in water) indicator solution

Procedure

- Transfer 10 ml of sample by means of the graduated cylinder into the conical flask and cool down to room temperature
- (If pH meter is not available add 3 drops of methyl orange indicator and 100 ml of demineralised water)
- Titrate with 1,0 N sulphuric acid to pH 4,3 or end point (orange)

Calculation

$$V_{\text{H}_2\text{SO}_4} * 13.4 = \text{g/l TURCO Aviation}$$

- $V_{\text{H}_2\text{SO}_4}$ = Volume 1,0N sulphuric acid added to solution (ml)

Maintenance

Maintain bath concentration within recommended range by adding fresh materials

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