

Total acid numbers Titrino

Apparatus: Metrohm 848 Titrino Plus unit

Description: Measuring total acid number (TAN) of the sample by using potentiometric titration method. Potentiometric titration can test different types of sample accurately without regard to color.

- Titrant: $C(\text{KOH})=0.1 \text{ mol/L}$ in isopropanol
- Solvent: 500 mL toluene + 495 mL IPA + 5 mL H_2O
- Electrolyte for electrode: Lithium chloride, $c(\text{LiCl}) = 2 \text{ mol/L}$ in ethanol
- Standard: Potassium hydrogen phthalate
- Measurement range: 0-250 mg (KOH) / g (sample)

Charging Standard (Per sample):

\$15 (Internal) \$20 (External academic) \$30 (Industry user)

Current Situation:

It's in good condition for service.

Contact information :

Yimeng Li

E-mail : yimeng.li@ucalgary.ca

Location : ENG 403