

Application Memo

Nickel Chloride in Luster Nickel Plating Solution

Industry	Inorganic chemical industry
Instrument	Automatic potentiometric titrator
Measurement method	Precipitation titration

1. Overview

Nickel chloride concentration is measured by titration with 0.1mol/L silver nitrate solution. The endpoint is the maximum inflexion on the titration curve. The nickel chloride concentration is calculated from the titration volume of the silver nitrate solution.

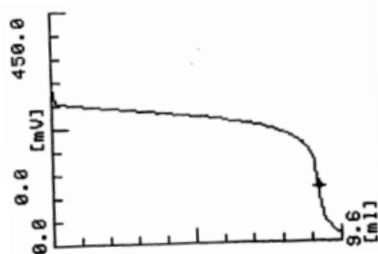
2. Apparatus

Main unit	Automatic potentiometric titrator (preamplifier STD)
Detector	Silver electrode Mercury sulfate reference electrode

3. Reagents

Titrant	0.1mol/L silver nitrate solution
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4. Example



-Titration curve-

-Measurement results-			
	Sample (mL)	Titer (mL)	Conc. (g/L)
1	2.0	8.8991	52.95
2	2.0	8.8714	52.79
Average			52.87

Please feel free to contact us for any further information.

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