



The Key Ingredient for Quality Metrohm Food Analyzers

Salt Analyzer

Dedicated and easy to use, the Metrohm Salt Analyzer is the simple solution for analysis of chloride in a wide variety of samples. Requiring less than 8 inches of linear bench space, this compact analyzer with integrated touchscreen produces accurate measurements without requiring high levels of analytical experience. The maintenance-free Ag Titrode sensors minimizes operating costs and detects chloride as specified by the AOAC.

Order Number: 29162010

Included in this analyzer are titrator with propeller stirrer, 800 Dosino, 20 mL dosing unit and an iAg-Titrode for precipitation titration with silver nitrate.

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 **Metrohm**

Recipe for Salt Analysis in Bullion

Ingredients

- 916 Salt Analyzer29162010
- Ag Titrode.....60430100
- 0.1 mol/L AgNO₃ Titrant..... LAB-TI92101, 6x1L bottles
- 1.0 mol/L HNO₃ Acidifying Solution..... LAB-TI96564, 1x2.5L bottle

Directions

Prepare sample by adding 5 mL of acidifying solution to 5 mL of sample. Add enough DI water to cover the electrode. Using the settings below, the sample is automatically mixed and titrated.

Settings

- Mode.....DET U
- Meas. point density4
- Min. increment10 µL
- Max. increment.....off mL
- Signal drift50 mV/min
- Max. waiting time26 s
- EP criterion (ERC)5
- EP recognition.....all

Typical Yield

Parameter	Mean (n = 10)	Standard Deviation
w(NaCl)	46.97%	0.45%