



New Aquastar® coulometric reagent for Karl Fischer water determination

Coulometric titration, faster and more efficient

The coulometric Karl Fischer titration method is designed to determine very low levels of water in samples. An accurate and fast titration is expected.

A great opportunity to improve your titration process is our new coulometric Anolyte for cells without a diaphragm.

This new reagent can be used for a wide variety of liquid samples. Low water contents in the range of 10 ppm up to 10 000 ppm can be determined precisely and reproducibly. Oils, fats, ointments, strong acids and bases can be determined with the addition of solubilizer or buffers and solid samples, crude oils or motor oils with the Karl Fischer oven method or an external water release.

Benefits

- No crystallization
- Extremely fast and efficient conditioning time
- Very good drift stability
- Rapid and reproducible results
- High accuracy and excellent precision

Order information

Cat. no.	Name	Content	Packaging
1880790545	Anolyte for coulometric Karl Fischer titration without diaphragm	500 mL	glass bottle
Use with standards			
1880510012	Water standard 0.1 %; 1 mg/g water	10 x 8 mL	ampoules
1880500010	Water standard 0.01 %; 0.1 mg/g water	10 x 8 mL	ampoules
1880550010	Water standard oils (15-30 ppm water)	10 x 8 mL	ampoules
1880540005	Karl Fischer oven standard 1 %	5 g	glass bottle

Contacts & Info

Applications:

SigmaAldrich.com/application-note

Application support:

aquastar@milliporesigma.com

More about our Aquastar® Karl Fischer Reagents

SigmaAldrich.com/titration

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

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