

# Aqualine Reagents

Your solution for water content determination by Karl Fischer titration



Our Fisher Chemical™ Aqualine™ Karl Fischer titration reagents portfolio is designed to meet the needs of the analytical chemist by providing accurate water content determination using volumetric or coulometric titration with unique benefits.

## **Aqualine coulometric range: for low water content at ppm level**

Our Aqualine anolyte and catholyte solutions have been re-formulated to offer better performance. The improved formulation increases both the speed and accuracy of titration when determining water content at microgram level.

## **Aqualine volumetric range: for high water content analysis**

For Karl Fischer titration by volumetry, we offer you the choice between single component reagents, two component reagents and reagents especially designed for aldehydes and ketones. **Our Aqualine reagents for Karl Fischer titration by volumetry perform identically to other Karl Fischer titration reagents on the market.**

## **Aqualine water standard**

We offer a series of long shelf-life Aqualine water standard reagents, which support the calibration of the Karl Fischer titrator instrument. Our water standard reagents are packaged in glass ampoules for your convenience.

Select the suitable Fisher Chemical Aqualine reagent for your Karl Fischer titration

### **Aqualine coulometric range: for low water content at ppm level**

Product code	Product description	Pack size
<b>Anolyte solutions</b>		
These contain methanol and chloroform as solvents		
FSBK/2500/08	Aqualine Electrolyte A – For general use in conventional cells with a diaphragm	500 mL
FSBK/2510/08	Aqualine Electrolyte AD – For use in fritless (diaphragm-free) cells	500 mL
These contain methanol as a solvent		
FSBK/2515/08	Aqualine Electrolyte AD-G – For use in fritless (diaphragm-free) cells	500 mL
FSBK/2520/08	Aqualine Electrolyte AG – For general use in conventional cells with diaphragm	500 mL
These contain methanol and pentan-1-ol as solvents		
FSBK/2530/08	Aqualine Electrolyte AG-H – For samples with high level of hydrocarbon content	500 mL
<b>Catholyte solutions</b>		
FSBK/2560/04	Aqualine Electrolyte CG – For general use in conventional cells with a diaphragm, contains methanol as a solvent	25 mL

# More Karl Fischer Reagents



## Aqualine volumetric range: for high water content analysis

Single component reagents		
FSBK/1900/15	Aqualine Complete 1 – Water equivalent 1mg H <sub>2</sub> O/ml	1 L
FSBK/1950/15	Aqualine Complete 2 – Water equivalent 2mg H <sub>2</sub> O/ml	1 L
FSBK/1950/17		2.5 L
FSBK/2000/15	Aqualine Complete 5 – Water equivalent 5mg H <sub>2</sub> O/ml	1 L
FSBK/2000/17		2.5 L
FSBK/2350/08	Aqualine Buffer – Buffer for use with acidic samples	500 mL
Reagents for aldehydes and ketones		
FSBK/2250R/15	Aqualine Complete 5K – Water equivalent 5 mg H <sub>2</sub> O/ml	1 L
FSBK/2300R/15	Aqualine Matrix K – Matrix K should be used in conjunction with Complete 5K	1 L
Two component reagents		
FSBK/2150/15	Aqualine Titrant 2 – Water equivalent 2 mg H <sub>2</sub> O/ml	1 L
FSBK/2150/17		2.5 L
FSBK/2200/15	Aqualine Titrant 5 – Water equivalent 5 mg H <sub>2</sub> O/ml	1 L
FSBK/2200/17		2.5 L
FSBK/2100/15	Aqualine Solvent – for use with Titrant 5	1 L
FSBK/2100/17		2.5 L
FSBK/2110/15	Aqualine Solvent CM – Solvent for samples with high hydrocarbon content	1 L
FSBK/2110/17		2.5 L

## Aqualine water standard

Product code	Product description	Pack size
FSBK/2740/99	Aqualine Standard 0.2 – 0.2 mg/ml H <sub>2</sub> O standard	10 x 4 mL
FSBK/2710/99	Aqualine Standard 1.0 – 1 mg/ml H <sub>2</sub> O standard	10 x 4 mL
FSBK/2730/08	Aqualine Standard 5.0 – 5 mg/ml H <sub>2</sub> O standard	500 mL
FSBK/2720/99	Aqualine Standard 10.0 – 10 mg/ml H <sub>2</sub> O standard	10 x 8 mL
FSBK/2760/45	Aqualine Water Standard-KF oven – For use in KF oven technique, contains 5.55 ±0.05% water	10 g
FSBK/2770/48	Aqualine Sodium-tartrate Dihydrate Standard – Primary standard for volumetric analysis, contains 15.66 ±0.05% water	100 g
FSBJ/9000/PB08	Aqualine Water Solution – 1ml = 5 mg H <sub>2</sub> O in Methanol	500 mL

All our Aqualine solutions are pyridine free



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