



Substrate Solution
Indicator Solution
Blank Solution



Which Karl Fischer
Titrator does your
customer use
Volumetric?
or
Coulometric?

Product Line

Fisher Chemical™ – Aqualine™ reagents for Karl Fischer Titration

Supplier - Global Chemicals

What is it?

Karl Fischer titration is an analytical application that is used **to determine the water content/moisture** in a variety of sample types: solids (food, drugs, soil, etc), liquids (beverages, oils/lubricants) and gases.

Fisher Chemical offer a complete range of Karl Fischer titration reagents designed to meet the needs of analytical chemist using a volumetric or coulometric titrator.

Product Features & Benefits

Aqualine reagents for Karl Fischer titration by volumetry: Available as 1 or 2 components solution, pyridine free, fast & stable endpoints, formulation based on Sigma-Aldrich Hydranal formulation (using imidazole as base)

Aqualine reagents for Karl Fischer titration by coulometry: Innovative formulation, faster titration speed vs Sigma-Aldrich Hydranal reagents, long product shelf-life

Where to Sell

All customer segments: look for test labs & quality control



Selling Solution Opportunities

Karl Fischer titrator for volumetry or coulometry



Key Information

Category:

- Chemical
X Platinum Supplier
 Fisher Manufactured
 Exclusive
 General Distribution

Key Fisher Contacts

Key Supplier Contacts

Véronique Moreau
Mark Clements

Customer Service:

Peggy Allen
Phone number : + 32 14 57 52 11
Email:
Customerservice.support@thermofisher.com

Web Site:

www.acros.com

Support Materials

Technical support

Phone :+32 14 56 56 00

Email :
chem.techinfo@thermofisher.com

Samples

Global Chemicals Area Managers

Demos

n/a

Technical bulletins

See Revbase

Aqualine Training deck, Cross-reference tool

Other as needed

n/a

Competition : Sigma-Aldrich Hydranal (main supplier), Merck Apura , JTBaker

Fisher Chemical - Aqualine	Cat#	Sigma - Hydranal	Cat#
Aqualine Complete 1	K/1900	HYDRANAL Composite 1	34827
Aqualine Complete 2	K/1950	HYDRANAL Composite 2	34806
Aqualine Complete 5	K/2000	HYDRANAL Composite 5	34805
Aqualine Solvent	K/2100	HYDRANAL Solvent	34800
Aqualine Solvent CM	K/2110	HYDRANAL Solvent CM	34812
Aqualine Titrant 5	K/2200	HYDRANAL Titrant 5	34801
Aqualine Complete 5K	K/2250R	HYDRANAL Composite 5K	34816
Aqualine Matrix K	K/2300R	HYDRANAL Working Medium K	34817
Aqualine Electrolyte A	K/2500	HYDRANAL Coulomat A	34807
Aqualine Electrolyte AG	K/2520	HYDRANAL Coulomat AG	34836
Aqualine Electrolyte CG	K/2560	HYDRANAL Coulomat CG	34840
Aqualine Water Standard 1 mg/mL	K/2710	HYDRANAL Standard 1.0	34828
Aqualine Water Standard 10 mg/mL	K/2720	HYDRANAL Standard 10.0	34849
Aqualine Water Standard 5 mg/mL	K/2730	HYDRANAL Standard 5.0	34813
Sodium tartrate	K/2770	HYDRANAL Standard Sodium Tartrate	34803
Water in methanol 5.0 mg/mL	J/9000	HYDRANAL Water in Methanol 5.0	34802

Why Should You Sell?

- If your customer is doing volumetric titrations, coulometric titrations, or looking to calibrate his KF titrator, Fisher Chemical's Aqualine products are the ideal solution for routine Karl Fischer applications
- We have evaluated the performance of our Aqualine products and they displayed better results when compared to Sigma's HYDRANAL products (see new brochure for more details)

Aqualine Volumetric :

- Faster titration speed vs. Hydranal equivalent
- Similar water recovery performance

Aqualine Coulometry :

- ✓ Faster titration speed

Uncover the Need

- Which Karl Fischer titrator do you get?
- Which type of reagents do you use? Which product code from the competition?

Support Materials : Aqualine Product Recommendations

Instrument	KF Method	Classification	Product	Product #	Complementary Product	Details
Volumetric Titrator	One Component Systems	Titrant	Aqualine Complete 1	K/1900	M/4050	Water equivalent: 1 mg H ₂ O/mL
Volumetric Titrator	One Component Systems	Titrant	Aqualine Complete 2	K/1950	M/4050	Water equivalent: 2 mg H ₂ O/mL
Volumetric Titrator	One Component Systems	Titrant	Aqualine Complete 5	K/2000	M/4050	Water equivalent: 5 mg H ₂ O/mL
Volumetric Titrator	One Component Systems	Titrant – for aldehydes/ketones	Aqualine Complete 5K	K/2250R	K/2300R	Water equivalent: 5 mg H ₂ O/mL
Volumetric Titrator	One Component Systems	Solvent – for aldehydes/ketones	Aqualine Matrix K	K/2300R	AL2250R	Contains halogenated solvent.
Volumetric Titrator	Two Component Systems	Solvent	Aqualine Solvent S	K/2100	K/2200	
Volumetric Titrator	Two Component Systems	Solvent	Aqualine Solvent CM	K/2110	K/2200	Contains halogenated solvent.
Volumetric Titrator	Two Component Systems	Titrant	Aqualine Titrant 5	K/2200	K/2100 or K/2110	Water equivalent: 5 mg H ₂ O/mL
Coulometric Titrator	Anolyte Solution	Anolyte Solution	Aqualine Electrolyte A	K/2500	K/2520 or K/2560	Contains halogenated solvent.
Coulometric Titrator	Anolyte Solution	Anolyte Solution	Aqualine Electrolyte AG	K/2520	K/2500	
Coulometric Titrator	Catholyte Solution	Catholyte Solution	Aqualine Electrolyte CG	K/2560	K/2500	

Literature available from RevBase :

New “Aqualine” brochure, training deck, cross-reference tool