



Aquastar® Reagents

800-877-3225

ONE COMPONENT VOLUMETRIC KARL FISCHER REAGENTS

Aquastar® Combititrant contain all the reactants in one solution.

The solvent required is usually methanol, but can be modified by the addition of other solvents depending on the dissolution properties of the sample to be analyzed. Free of pyridine and 2-methoxyethanol.

ONE COMPONENT REAGENTS

AQUASTAR® CombiTitrant 2

#188002.1038	1 L	96.00
#188002.2545	2.5 L	321.00
One Component reagent		
1ml = approx. 2 mg H ₂ O		

AQUASTAR® CombiTitrant 5

#188005.1038	1 L	96.00
#188005.2545	2.5 L	284.00
General one component reagent		
1 ml = approx 5 mg H ₂ O	2.5 L	464.00
	4x2.5L	1668.67

AQUASTAR® Solvent MC

#AX1699MC	1 L	375.00
Solvent component for analysis in fats and	2 l	447.00
Oils. Single component volumetric (for use with Composite reagents only) contains chloroform.		

AQUASTAR® CombiSolvent Oil	1 L	347.00
#1.88020.1000		
Solvent for mineral oils.		

AQUASTAR® CombiSolvent Fats	1 L	235.00
#1.88021.1002		
Solvent for fats in foodstuffs		

AQUASTAR® CombiMethanol	1 L	75.00
#1.88009.1038		
#1.88009.2545	2.5L	84.00
Methanol, anhydrous (max 0.01% H ₂ O)		
One component reagents. Other solvents may be added		

WATER DETERMINATION IN KETONES & ALDEHYDES.

The solvent system must be CombiSolvent Keto.

The titrant 5K is suitable for all samples. The one-Component reagents, Composite 5 and 2 can also be used For many ketones.

AQUASTAR® CombiTitrant 5K

#AX1698D-5	4 L	349.00
Titrant for water determination	1 L	95.00
In ketones and aldehydes		
1 ml = approx. 5 mg H ₂ O		

AQUASTAR® CombiSolvent Keto

#188007.1000	1 L	83.00
Methanol free solvent for ketones and aldehydes		

AQUASTAR® Solvent KC

#AX1699KC-6	1 L	109.00
#AX1699KC-5	4 L	677.00
Working medium for water determination in aldehydes and ketones. Enhanced solubility Performance with oils, fats and amines.		

TWO COMPONENT VOLUMETRIC REAGENTS

The necessary reactants are separated in two solutions, Titrant and solvent. The solvent can be modified by the addition of Other solvents depending on the dissolution properties of each sample to be analyzed.

TITRANTS

AQUASTAR® Titrant 5

#1.88010.1000	1 L	224.00
#1.88010.2538	2.5 L	393.00

1 ml = 5.00 ± 0.2 mg H₂O

AQUASTAR® Titrant 2

#1.88011.1045	1 L	393.00
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One ml is equivalent to
2.00 ± 0.02 mg H₂O

SOLVENTS

AQUASTAR® Solvent S

#AX1699B-6	1 L	75.00
#AX1699B-3	2 L	150.00
#AX1699B-5	4 L	225.00

General Solvent

AQUASTAR® Solvent mc

#AX1699MC-1	1 L	251.00
#AX1699MC-3	2.5 L	447.00
#AX1699MC-5	4 L	877.00

Solvent component for analysis in
Fats and oils. Single component volumetric
(for use with composite reagents only)
Contains chloroform.

AQUASTAR® Solvent Oils & Fats

#1.88016.1000	1 L	94.00
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Universal solvent for oils & fats.

SPECIAL APPLICATION AND EQUIPMENT NEEDS

AQUASTAR® Coulomat a Xylene Blend

#AX1697AX	100 ml	45.00
Anolyte for determination of oils.	1 L	226.00

COULOMETRIC REAGENT

For general use. Specific reagents for equipment with or without a diaphragm and for special application or equipment needs.

ANOLYTES

AQUASTAR® Coulomat AN

#AX1697AN-500ML	500 ml	115.00
#AX1697AN-1 L	1 L	180.00

Anolyte for general use in cells with a diaphragm.

AQUASTAR® Coulomat A

#AX1697A-1	500 ml	100.00
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Anolyte for Oils, No CHC's.

AQUASTAR® Combi/Coulomat Frit Solution

#1.09255.0500	500 ml	100.00
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Anolyte for use in cells with a diaphragm (for
Use with long chained hydrocarbons: add
Chloroform up to 1/3 volume.

AQUASTAR® Combi/Coulomat Fritless Solution

#1.09257.0500	500 ml	115.00
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CATHOLYTES

AQUASTAR® Coulomat CN

#AX1697CN-1	25 ml	50.00
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Catholyte for general use.

AQUASTAR® Coulomat C

#AX1697C	25 ml	50.00
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Catholyte for cells with diaphragm

SPECIALTY REAGENTS FOR ALDEHYDES & KETONES

AQUASTAR® Coulomat AK

#AX1697E-1	500 ml	150.00
#AX1697E-30	1 L	1250.00

Anolyte for cells with a diaphragm.

AQUASTAR® Coulomat Ck

#AX1697F	25 ml	100.00
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Catholyte for cells with diaphragm.
25 ml septa top

SPECIALTY REAGENTS

BUFFERING REAGENTS

To maintain proper pH for the analysis of acids, bases and amines.

AAUASTAR® Buffer 500 ml 147.00
#AX1699D-1

For acidic samples, buffer capacity: 5 mmoles acid per ml

#IX0005- IMIDAZOLE RG 50 G 72.00

#BX0360-BENZOIC ACID ACS 500 gm 92.00

#SX0060 -SALICYLIC ACID CRYSTAL
 500 gm 81.00

AQUASTAR BUFFER BASE ACID
1.88035.0500 500 ml 167.00

For strong acids

AQUASTAR BUFFER BASE
#1.88036.0500 500 ml 267.00

For strong bases

AQUASTAR® STANDARDS

Standards are necessary to standardize and control reagents, to check reliability of the titrator and to test instruments according to the requirements of ISO9000, GMP, GLP and FDA guidelines

CERTIFIED STANDARDS

AQUASTAR® Water standard 0.10
#1.88050.0010 80 ml 95.00

A certified standard containing 0.01 mg of H₂O per g (0.10 mg/g=0.01%).
 80 ml is packaged as 10x8 ml ampoules.

AQUASTAR® Water Standard 1.0
#1.88051.0010 80 ml 95.00

A certified standard containing 1.00 mg of H₂O per g (1 mg/g = 0.1%).
 80 ml is packaged as 10x8ml ampoules.

AQUASTAR® Water Standard 10.0
#1.88052.0010 80 ml 95.00

A certified standard containing 10.0 mg of H₂O per g (10 mg/g= 1%).
 80 ml is packaged as 10 x 8 ml ampoules.

OTHER STANDARDS

AQUASTAR® Water Standard KF oven 220-230° C
#1.88054.0005 5 gm 100.00

1% Solid standard for KF ovens

AQUASTAR® Water Standard for Oil
#1.88055.0010 80 ml 100.00

15-30 ppm certified standard specifically
 For use in verifying the accuracy of coulometric
 Equipment.

AQUASTAR® Water Standard 5.0
#1.09259.0250 250 ml 105.00

Water content is 5.00 ± 0.02 mg/ml
 For routine titre determination or back titration

AQUASTAR® Sodium Tartrate
#1.06664.0100 100 gm 80.00

A primary standard specially milled
 Water content = 15.66 +/- 0.05%

DESICCAANTS

KF DRI-ALERT
#85001 500 gm 65.00

For drying tubes, molecular sieve with blue
 Indicator beads.

#DX0014-The Desiccant 8 Mesh 500 gm 70.00

#DX0017-The Desiccant 6-8 Mesh 500 gm 95.00

Chloroform 1 L 82.00
#CX1059 4L 194.00

Methanol
#MX0480 1 L 80.00
 4 L 140.00

