

DRYING AGENTS FOR KARL FISCHER TITRATORS

It is imperative that Karl Fischer titration systems are protected against the ingress of ambient air, as ambient air typically contains water. While instrument manufacturers design titration cells to be as leak proof as possible, none are hermetically sealed. The most popular desiccants for Karl Fischer titrators are listed below. Please contact our inside sales team for pricing or if your preference is not shown.

DESICCANTS	SIZE	SKU
Silica Gel, w/30% Indicating Beads, 3-10 Mesh	500 g	64592
Molecular Sieves, 13x, 8-12 Mesh Beads	500 g	51281
Molecular Sieves, 13x, 4-8 Mesh Beads	500 g	88911
Molecular Sieves, 3Å, 8-12 Mesh Beads	500 g	51251
Molecular Sieves, 3Å, 4-8 Mesh Beads	500 g	88851
Drierite®, Indicating, 10-20 Mesh	454 g	36421
Drierite®, Indicating, 8 Mesh	454 g	36401

*Note on mesh size: The larger the number, the smaller the bead size.

GFS Chemicals is the primary manufacturer of a broad range of reference materials, all made in our Columbus, OH facilities. Watermark® water standards are methanol free, can be used for all KF applications, and are traceable to NIST standards.

GFS
CHEMICALS®

For more info contact
service@gfschemicals.com
or call 800.858.9682

155 Hidden Ravines Dr | Powell, Ohio 43065
www.gfschemicals.com

WATERMARK
A GFS CHEMICALS BRAND®



WATER STANDARDS FOR KARL FISCHER TITRATORS

Community titrator? Questionable sample? You can use water standards to identify a problem with your sample or titrator. Start with fresh vessel solution and inject a water standard as a sample. Next, analyze your products. Finally, inject a water standard as a sample again. There should be a correlation between the two water standard values. If there isn't, one of your samples may be causing an interference, or there may be a problem with the titrator.

GFS Chemicals is a primary manufacturer of a broad range of reference materials, all made in our Columbus, OH facility. The liquid standards are delivered in ten 5mL single use ampoules with a 5-year shelf life. Watermark® water standards are methanol free and can be used in all KF applications.

LIQUID STANDARDS			SKU
By Weight			
10 mg/g	1.00%	10,000 ppm	99881
5 mg/g	0.50%	5,000 ppm	98992
1 mg/g	0.10%	1,000 ppm	99862
0.5 mg/g	0.05%	500 ppm	99862
0.1 mg/g	0.01%	100 ppm	99842
0.05 mg/g	0.005%	50 ppm	98981

		SKU
By Volume		
10 mg/mL		99888
5 mg/mL		99753
1 mg/mL		99753
0.1 mg/mL		99893

SOLID STANDARDS	SKU
Sodium Tartrate, 15.61% to 15.71% 100 g	69356
Potassium Citrate, 5.5% to 5.6%, 10 g	99571
Potassium Citrate, 5.5% to 5.6%, 10x10 g	99572

ADVANTAGES OF WATERMARK® KF STANDARDS

- Tested under an ISO/IEC 17025 accredited Management System.
- NIST Traceable to SRM 2890.
- Single-Use ampoules sealed under argon.
- Certificate of Analysis included.

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