

ANALYTICAL SERVICES, INC.

It's a Matter of Quality



International Calibration Standards:

ASTM

EI

DIN

ISO

CEN

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Setting the Standard

By Jill Davidson,
VP of Sales and Marketing

Lots of exciting things are happening at Analytical Services, Inc. (ASI)! In this newsletter, we will highlight some products we currently have in our catalog that you may not know are available, and introduce you to some products we are developing. ASI has always been a quality source for XRF Sulfur and other elemental calibration standards but we also have many other products for titration, ICP, AA and a line of Lead in Paint on Polyester Film standards.

We are working to develop new and innovative products such as Mercury standards on film, Isocyanate standards for TDI and MDI analysis, elements in soil and continuing work on polymers and lead in paint standards. We are always open to requests!

Our website is undergoing many improvements to make it more user friendly. Be on the lookout for an updated search function which will allow you to search by element, matrix, product code or ASTM method. Online purchasing is coming soon.

A pdf version of the catalog is always available on the site as well as the ability to create a custom quote request or contact us with questions. We hope you find this newsletter informative and we look forward to working with you for your calibration standards needs.

HOT TOPIC!!!

Calibration Standards for IP PM-DR/09

Analytical Services, Inc. makes the calibration standard set for the determination of sulfur, sodium, aluminum, silicon, vanadium, nickel, iron, calcium, zinc and phosphorous in residual fuel oil by wavelength dispersive X-ray fluorescence (WDXRF) spectrometry. These standards are made with sulfur-free organo-metallic solutions in heavy white oil as a set of 11 bottles (including blank) each containing the 10 elements at varying concentrations.

These are normally packaged in 100 ml bottles but can be made in different sizes and all sets are certified by WDXRF and delivered with a Certificate of Analysis and MSDS. We have significant experience in making this multi-element set for several customers.

Product Code: ELO11-10E-IP

Interested in this topic? Contact us: sales@analyticalservicesinc.com

Sulfur-Free Wear Metals Standards

Analytical Services manufactures single and multi-element organo-metallic standards for the analysis of wear metals and additives.

We have developed sulfur-free wear metals standards (also known as our WM series) in 20 cst lubricating oil for the analysis by XRF, AA, ICP or AE applications for which sulfur interference is undesirable. These standards are prepared with sulfur-free organo-metallics that do not contain metallic sulfonates.

We offer a variety of wear metals standards in many common concentrations, including WM11, WM12, WM20 and WM21 that have been tested thoroughly for stability.

All standards are available in



complete sets or individually. In case a concentration you require is not mentioned, we can accommodate your custom request and will advise you on the stability of the element and the concentration.

Contact us for ordering and further information.

ANALYTICAL SERVICES, INC.

Check out our Standards for Nitrogen and Sulfur by Chemiluminescence and UV Fluorescence

If you are measuring sulfur and nitrogen in petroleum products by Chemiluminescence and/or UV Fluorescence, we have the calibration standards available. Our line includes standards for all relevant ASTM methods such as D5453, D5762, D4629 and others pertinent to microcoulometry as well.

All are packaged in 2 ml ampoules and are sold as catalog sets or can be easily custom made for your applications.

For more information contact us at sales@analyticalservicesinc.com



XRF Sample Cup Assembly and Filling Work Stations from Chemplex

Sample Cup Workstations enable analysts to more efficiently handle and fill XRF sample cups after affixing thin-sample support windows.

Contamination of the thin-film is prevented by eliminating contact with bench top surface. Filling of the sample cup by transfer pipet is also made easier.

Work stations are available as a single or as a six-place prep station that can accommodate sample cup sizes from 25mm to 45mm. The conical shape of the cavity allows the smaller sample cup to sit lower while larger cups sit higher and all will remain level in position. The multi-cavity XRF Cup Workstation will accept a variety of cup sizes. Great for instruments that utilize multiple samples and for storage.

Contact us for more information on this product.

Need Standards to do a QC Check on Your Titrator?



We have titration standards available for a variety of ASTM methods including Total Acid Number (TAN) D664, Bromine Index D2710, Bromine Number D1159 and Total Base Number (TBN) D2896 and D5984. Also available is a stable Mercaptan and H₂S standard packaged in ampoules. All are prepared gravimetrically and assayed by titration and are available as catalog items or can be made according to your needs.

sales@analyticalservicesinc.com

Contact Us

**Interested in a particular product or products?
Please contact us for more information.**

ANALYTICAL SERVICES, INC.

Analytical Services, Inc.
25700 I45 North, Suite 113
Spring, TX 77386

Telephone: 281-419-9229

Toll Free: 866-419-9229

Fax: 281-419-5928

Website: www.AnalyticalServicesInc.com

sales@analyticalservicesinc.com