



VHG ICP single-element standards

Certified for 24 months* total shelf life

Our ICP certified single-element aqueous calibration standards were developed to provide the highest levels of accuracy and traceability

The VHG line offers the only spectrochemical solution standards that are certified using the High Performance ICP-OES Protocol, a method developed by the National Institute of Standards and Technology (NIST). This rigorous method of quality control assures the highest accuracy and lowest uncertainty, with direct traceability to NIST SRMs.

VHG's ICP standards now ship in aluminized **Stable-Pak™ bags**, an advanced packaging technology. Aluminized bags significantly impede transpiration and **increase the shelf life of these products**. You can count on our ICP standards to give you absolute confidence in your ICP, ICP-MS, and AA analysis - ensuring the highest possible levels of productivity from your laboratory instrumentation.

VHG ICP Standards are:

- *Certified for 24 months total shelf life (or 12 months after opening the Stable-Pak™ bag)
- Ideal for ICP, ICP-MS, AA, GFAA or other elemental techniques
- Prepared from high purity raw materials, acids and 18 Mohm DI water
- Manufactured in our ISO 9001, ISO 17034 facility, and certified in our ISO/IEC 17025 laboratory
- Accompanied by ICP-MS trace element scans
- Accompanied by a NIST-traceable COA
- Packaged in certified, pre-cleaned HDPE bottles for high purity and low permeability
- Shipped in aluminized Stable-Pak™ bags
- Aluminized bags have been shown to reduce transpiration and increase product shelf life
- Stocked at 1000 and 10,000 ppm, with 10 ppm for most common elements.



VHG ICP standards offer some of the highest levels of accuracy and traceability available. They are well-suited for analysis by ICP, ICP-MS, AA, GFAA or other elemental techniques. Each standard is certified using NIST's High Performance ICP-OES Protocol. This rigorous method of quality

control assures the highest accuracy and lowest uncertainty with direct traceability to NIST SRMs. Each standard is accompanied by a NIST-traceable COA. Combined with increased shelf life, these products will help you deliver consistently reliable analytical results.

For further information or if you require substances or materials not currently listed, please contact one of our local sales offices.

Brazil

Tel: +55 12 3302 5880
Email: bz@lgcstandards.com

Bulgaria

Tel: +359 (0)2 971 4955
Email: bg@lgcstandards.com

China

Tel: +86 400 9216156
Email: infochina@lgcgroup.com

France

Tel: +33 (0)3 88 04 82 82
Email: fr@lgcstandards.com

Germany

Tel: +49 (0)281 9887 0
Email: de@lgcstandards.com

Hungary

Tel: +49(0)281 9887-0
Email: de@lgcgroup.com

Ireland

Tel: +44 (0)20 8943 8480
Email: uksales@lgcstandards.com

Italy

Tel: +39 02 22476412
Email: it@lgcstandards.com

Middle East

Tel: +49 (0)281 9887 0
Email: global.sales@lgcgroup.com

Netherlands

Tel: +49 (0) 281 9887 0 250
Email: nl@lgcstandards.com

Nordic countries

Tel: +49 (0)281 9887 0
Email: de@lgcstandards.com

Poland

Tel: +48 22 751 31 40
Email: pl@lgcstandards.com

Romania

Tel: +40 364 116890
Email: ro@lgcstandards.com

Russia

Tel: +7 812 777 04 88
Email: ru@lgcgroup.com

South Africa

Tel: +27 (0)11 466 4321
Email: sales.za@lgcgroup.com

Spain

Tel: +34 (0)93 308 4181
Email: es@lgcstandards.com

Turkey

Tel: +90 530 880 33 90
Email: tur@lgcstandards.com

United Kingdom

Tel: +44 (0)20 8943 8480
Email: uksales@lgcstandards.com

USA + Canada

Tel: +1 603 622 7660
Email: lgcusa@lgcstandards.com

Export queries

Tel: +49 (0) 281 9887 250
Email: global.sales@lgcgroup.com

lgcstandards.com

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