

Calibration Standards

Precision for Analytical Excellence

In the world of high-stakes analysis, results are only as reliable as the standards behind them. We provide ultra-pure calibration materials that protect the integrity of ISO/IEC 17025-accredited workflows and ensure analytical instrumentation performs at peak accuracy.

The Purity Promise

We recognise that even a tiny impurity can affect the integrity of a multi-million dollar shipment. This is why our metals are subjected to thorough verification processes to meet or surpass the ($\geq 99.99\%$) purity standards.

Our dedication to quality guarantees that our clients receive the finest materials for their critical analytical tasks.



Primary Audience

Our calibration standards are carefully crafted to cater to the requirements of diverse industries, such as mining laboratories and ISO/IEC 17025-accredited facilities. By prioritising quality and precision, we empower our clients to obtain accurate results while ensuring adherence to industry standards, ultimately boosting their operational efficiency and reliability. Whether you're conducting complex mineral analyses or ensuring compliance with stringent regulatory requirements, our products provide the confidence you need. We understand the unique challenges faced by professionals in these sectors, and our team of experts is always ready to offer personalised support and guidance. With a steadfast commitment to innovation and excellence, we continually refine our processes to meet the evolving demands of our clients. Partner with us and experience the difference that superior calibration standards can make in your analytical journey.

Product Portfolio

High Purity Calibration Standards Overview

High Purity Metal Wires

Available in ultra-pure Gold ($\text{Au} \geq 99.99\%$) and Silver ($\text{Ag} \geq 99.99\%$), each wire comes with certified documentation for composition and mass. This ensures outstanding accuracy for preparing standards utilised in ICP-OES, XRF, and various other high-precision analytical techniques.

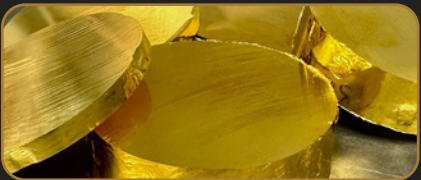


High Purity Silver Buttons

Ultra-high-purity silver buttons ($\text{Ag} \geq 99.99\%$) engineered for precision fire-assay additions.

Custom Gold Discs

Discover round gold discs crafted with exceptional precision and quality control, fully customisable in thickness, diameter and composition to meet your unique needs.



Quality

- Verified homogeneity
- Surface and depth assurance

Applications

- Immediate calibration
- Fire Assay additions

Manufacturing

- Advanced induction melting
- Controlled solidification process

Assurance

- Consistent quality
- Trace impurity verification

Contact

Email: gold@gold.co.za

Telephone: +27 (0)11 418 9000



RAND REFINERY