

Product Specification

Gold ICP Standard, 1000 ppm Au in 10% HCl

Lot Number: SAMPLE**Product Number:** RPAU1KH0**Manufacture Date:** N/A**Expiration Date:** N/A

This is a single element solution that was prepared volumetrically to contain the certified value reported. The uncertainty associated with the certified value is the sum of the estimated errors due to the purity of the raw material, the volumetric preparation of the solution, and transpiration of the solution through the container wall.

The final solution concentration is confirmed by AA, ICP, or ICP-MS, and is traceable to NIST Standard Reference Material 3121. All trace level elements were determined by ICP or ICP-MS.

Matrix: Hydrochloric Acid

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	Trace Metals
Nitric Acid	7697-37-2	Trace Metals

Test	Specification	Result
Appearance	Golden Yellow liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Gold (Au)	995-1005 ppm	Gold	7440-57-5	High Purity	3121

This standard is guaranteed to be stable and accurate provided the product is kept tightly capped and stored under normal laboratory conditions. Balances are calibrated using NIST traceable weights whose verification of maintenance and recalibration is documented per in-house Standard Operating Procedures. Class A glassware is also calibrated and routinely rechecked per in-house Standard Operating Procedures. Trace metal analyzed acids and Trace Metals Analyzed Water are used in the manufacture of this product. Triple cleaned containers are used in the manufacture of this product.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RPAU10K0-100C	100 mL amber glass	18 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

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