

Product Specification

Mercury GFAA Cal / Spike Standard - 100 ppm Hg in 5% HNO₃

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

The final solution concentration is confirmed by AA, ICP, or ICP-MS and traceable to NIST Standard Reference Material 3133.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Mercury	7439-97-6	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Mercury (Hg)	99.5-100.5 ppm	N/A	3133

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)
RGFAAHG-250	250 mL natural poly	12 months
RGFAAHG-50	50 mL natural poly	12 months

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

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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