

# CERTIFICATE OF ANALYSIS

## AccuTrace™ Reference Standard

**Catalog No:** AA14N-5  
**Description:** Cobalt AA Standard  
**Element:** Cobalt (Co)  
**SRM:** 3113  
**Lot:** 223015019  
**Matrix:** 2-5% Nitric acid  
**Hazards:** Refer to SDS for complete safety information

501512  
2150

**Date Certified:** Jan 9, 2023  
**Expiration:** Jan 9, 2028  
**Sample Size:** 500 mL  
**Components:** 1  
**Storage Condition:** Ambient (>5 °C)

### Certified Reference Material



Signal Word: Danger



AR-1463

Component	SRM #	Prepared Concentration (µg/mL)	
Co	Cobalt	3113	1000

This Certified Reference Material was verified in accordance with ISO/IEC 17025 (AT-1339) and ISO 17034 (AR-1463)

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

The gravimetric uncertainty for this product is  $\pm 0.24\%$ . The CRM uncertainty is  $\pm 2.4\%$ .

In order to verify the concentration(s), the final solution was checked by plasma emission spectroscopy (ICP) against material traceable to the above listed NIST SRM(s).

This standard was prepared using ACS grade or better starting materials, high purity acids and ASTM Type I 18 megohm deionized water.

All weights are traceable through NIST, Test No. 684/291344-18 & 684/292805-19

All glassware used in preparation is Class A.

Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware. Keep bottle tightly capped.

Certified By:   
Meaghan O'Leary, Inorganic DE Manager