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CERTIFICATE OF ANALYSIS

AccuTrace™ Reference Standard

Catalog No: AA41W-5
Description: Phosphorus AA Standard
Element: Phosphorus (P)
SRM: 3139a
Lot: 222045149-01
Matrix: Water
Hazards: Refer to SDS for complete safety information

Date Certified: May 15, 2024
Expiration: May 15, 2029
Sample Size: 500 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material



Signal Word: None



AR-1463

Component	SRM #	Prepared Concentration (µg/mL)
P Phosphorus	3139a	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 ±0.24%. The CRM uncertainty is ±2.4% and was determined in accordance with ISO 17034.


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 glassware used in preparation is Class A.

All weights are traceable through NIST, Test No. 684/289871-17

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: 
Meigan O'Leary, Inorganic QC Manager