

# Certificate of Analysis

**EPA Method 6020A  
Interference Check Standard B**

**Catalog Number: ICM-636  
Lot Number: 0006516677  
Lot Issue Date: 02/04/2020  
Expiration Date: 03/31/2024**

This Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO 17034 / ISO 17025 accredited laboratory and compared to calibration standards independently prepared using NIST SRM(s). The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

Analyte	True Value	Analytical Method	NIST SRM
silver*	5.00 ± 0.03 µg/mL	ICP / ICP-OES	3151
arsenic	10.0 ± 0.1 µg/mL	ICP / ICP-OES	3103a
cadmium	10.0 ± 0.1 µg/mL	ICP / ICP-OES	3108
cobalt	20.0 ± 0.1 µg/mL	ICP / ICP-OES	3113
chromium	20.0 ± 0.1 µg/mL	ICP / ICP-OES	3112a
copper	20.0 ± 0.1 µg/mL	ICP / ICP-OES	3114
manganese	20.0 ± 0.1 µg/mL	ICP / ICP-OES	3132
nickel	20.0 ± 0.1 µg/mL	ICP / ICP-OES	3136
selenium	10.0 ± 0.1 µg/mL	ICP / ICP-OES	3149
vanadium*	20.0 ± 0.1 µg/mL	ICP / ICP-OES	3165
zinc	10.0 ± 0.1 µg/mL	ICP / ICP-OES	3168a

Matrix: 2% nitric acid with trace hydrofluoric acid in low TOC water (< 50 ppb)

*\*light sensitive*

Agilent uses purified acids, 18 megohm double deionized water, calibrated Class A glassware & meticulously cleaned bottles in the manufacturing of these standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

  
Monica Bourgeois  
QMS Representative



ISO 17034 Cert No.  
AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026  
registered ISO 9001 Quality Management System



ISO 17025 Cert No.  
AT-1937