



## REFERENCE MATERIAL CERTIFICATE

**Agilent Product Name:** IntelliQuant Calibration Kit: 70 Elements

**Agilent Part No:** 5191-3932

**Lot No:** 0001238970

**Storage Conditions:** Room Temperature, do not freeze

### Kit Components

Part Number	Lot Number	Description
5191-3933	0012131962	IntelliQuant Multi-Element Standard 1
5191-3934	0012132032	IntelliQuant Multi-Element Standard 2
5191-3935	0012131982	IntelliQuant Multi-Element Standard 3
5191-3936	0012132012	IntelliQuant Multi-Element Standard 4
5191-3937	0012131992	IntelliQuant Multi-Element Standard 5
5191-3938	0012131972	IntelliQuant Multi-Element Standard 6
5191-3939	0011999286	IntelliQuant Multi-Element Standard 7
5190-7001	0012172642	Calibration blank solution 5% HNO <sub>3</sub>

**Intended Use:** This is a kit containing multiple part numbers, each of which is assigned a unique lot number. The parts and lot numbers contained within this kit are listed above.

**Instructions for Use:** Agilent recommends that each solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500  $\mu$ L, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.



**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at [www.agilent.com/chem/sds](http://www.agilent.com/chem/sds).

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
  - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103)

**Sample lot approver:**

A handwritten signature in black ink that reads "Chuck Goudreau". The signature is written in a cursive style and is positioned above a horizontal line.

Chuck Goudreau, Certifying Officer