

# Certificate of analysis

Product No.: 35259

## Initial Calibration Blank/Continuing Calibration Blank (ICB/CCB) CLP ICP Standard

Lot No.: 72-073195C

Matrix: 5% HCl/1% HNO<sub>3</sub>

This solution is intended for use as a calibration blank for plasma emission spectroscopy (ICP). It was prepared gravimetrically to contain the acid concentrations shown above. All trace level impurities in the final solution were determined by ICP or DCP.

### Trace Concentrations (ug/L)

|    |      |    |      |    |      |    |      |    |      |    |      |
|----|------|----|------|----|------|----|------|----|------|----|------|
| Ag | <0.5 | Cs | <0.2 | Ho | <0.2 | Nb | <0.2 | Ru | <0.2 | Ti | <0.2 |
| Al | 2    | Cr | <0.5 | I  | <5   | Nd | <0.2 | Sb | <0.5 | Tl | <0.2 |
| As | <0.5 | Cu | 1    | In | na   | Ni | <1   | Sc | <0.2 | Tm | <0.2 |
| Au | <0.2 | Dy | <0.2 | Ir | <0.2 | Os | <0.2 | Se | <1   | U  | <0.5 |
| B  | 0.6  | Er | <0.2 | K  | <20  | P  | nd   | Si | nd   | V  | <0.5 |
| Ba | <0.2 | Eu | <0.2 | La | <0.2 | Pb | <0.2 | Sm | <0.2 | W  | <0.2 |
| Be | <0.2 | Fe | <20  | Li | <0.5 | Pd | <0.2 | Sn | <0.5 | Y  | <0.2 |
| Bi | <0.2 | Ga | <0.2 | Lu | --   | Pr | <0.2 | Sr | <0.2 | Yb | <0.2 |
| Ca | <2   | Gd | <0.2 | Mg | <1   | Pt | <0.2 | Ta | <0.2 | Zn | 5    |
| Cd | <0.2 | Ge | <0.2 | Mn | <0.5 | Rb | <0.2 | Tb | <0.2 | Zr | <0.2 |
| Ce | <0.2 | Hf | <0.2 | Mo | <0.2 | Re | <0.2 | Te | <0.2 |    |      |
| Co | <0.2 | Hg | <0.2 | Na | <20  | Rh | <0.2 | Th | <0.2 |    |      |

**Shelf Life:** Alfa Aesar guarantees the accuracy of this Specpure® solution for one year from the shipping date, provided it is kept tightly capped and stored under normal laboratory conditions.



Quality Control

This document has been electronically generated and does not require a signature.