

Certificate of analysis

Product No.: 315259

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

Lot No.: 22-14738X

Matrix: 5% HCl/1% HNO₃

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 (µg/L)

Ag	0.8	Ce	<0.2	Gd	<0.2	Lu	<0.2	Pb	<1	Se	<2	Tl	<0.5
Al	<2	Co	<1	Ge	<0.5	Mg	<5	Pd	<0.5	Si	<100	Tm	<0.2
As	<2	Cs	<0.5	Hf	<0.2	Mn	<1	Pr	<0.2	Sm	<0.2	U	<0.5
Au	<0.5	Cr	<0.5	Hg	<0.5	Mo	<0.5	Pt	<0.5	Sn	<0.5	V	<1
B	<5	Cu	<2	Ho	<0.2	Na	<25	Rb	<0.5	Sr	<1	W	<0.5
Ba	<1	Dy	<0.2	In	nd	Nb	<0.5	Re	<0.2	Ta	<0.5	Y	<0.5
Be	<0.5	Er	<0.2	Ir	<0.2	Nd	<0.2	Rh	<0.5	Tb	<0.5	Yb	<0.2
Bi	<0.2	Eu	<0.2	K	<50	Ni	<2	Ru	<0.5	Te	<1	Zn	<2
Ca	<10	Fe	<20	La	<0.5	Os	<0.5	Sb	<0.5	Th	<0.5	Zr	<0.5
Cd	<0.5	Ga	<0.5	Li	<2	P	<100	Sc	<5	Ti	<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.

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