



## SLRS-4

### River Water Reference Material for Trace Metals

The following table shows the twenty-two metals for which certified values have been established for SLRS-4. Certified values are based on the results of determinations by at least two independent methods of analysis. The uncertainties represent 95 percent confidence limits for an individual subsample. That is, 95 percent of samples from any bottle would be expected to have concentrations within the specified range 95 percent of the time.

#### Trace Metals - Micrograms/Litre

Aluminum (c,g,j) <sup>†</sup>	54	±	4
Antimony (d,h)	0.23	±	0.04
Arsenic (c,e,h)	0.68	±	0.06
Barium (d,j)	12.2	±	0.6
Beryllium (c,e)	0.007	±	0.002
Cadmium (d,e,m,n)	0.012	±	0.002
Chromium (e,j,m)	0.33	±	0.02
Cobalt (e,n)	0.033	±	0.006
Copper (c,e,j,m)	1.81	±	0.08
Iron (g,j,m)	103	±	5
Lead (d,e,m,n)	0.086	±	0.007
Manganese (c,g,j)	3.37	±	0.18
Molybdenum (d,e)	0.21	±	0.02
Nickel (e,j,m,n)	0.67	±	0.08
Strontium (d,j)	26.3	±	3.2
Uranium (d)	0.050	±	0.003
Vanadium (c,e,n,j)	0.32	±	0.03
Zinc (c,g,j,m)	0.93	±	0.10

#### Other Metals - Milligrams/Litre

Calcium (f,i)	6.2	±	0.2
Magnesium (f,i)	1.6	±	0.1
Potassium (f,i)	0.68	±	0.02
Sodium (f,i)	2.4	±	0.2

† - See overleaf for key to coding