



Typical Limits Of Detection (LOD) for Cogent Environmental portable and on-line analysers.

Metal Symbol	Metal Name	PDV (Portable analyser)	OVA (on-line analyser)
Ag	Silver	5µg/l	10µg/l
As	Arsenic	0.5µg/l	2µg/l
Au	Gold	5µg/l	5µg/l
Cd	Cadmium	0.5µg/l	0.5µg/l
Co	Cobalt	0.2µg/l	0.5µg/l
Cr	Chromium	5µg/l	10µg/l
Cu	Copper	1µg/l	1µg/l
Fe	Iron	5µg/l	10µg/l
Hg	Mercury	0.1µg/l	0.5µg/l
Mn	Manganese	2µg/l	5µg/l
Mo	Molybdenum	1ug/l	1ug/l
Ni	Nickel	0.2µg/l	0.5µg/l
Pb	Lead	0.5µg/l	1µg/l
Pd	Palladium	5µg/l	5µg/l
Sb	Antimony	1µg/l	1µg/l
Se	Selenium	20µg/l	20µg/l
Sn	Tin	5µg/l	5µg/l
Te	Tellurium	5µg/l	5µg/l
Tl	Thallium	5µg/l	5µg/l
U	Uranium	tba	tba
Zn	Zinc	0.5ug/l	0.5ug/l

Note: Figures generally based on clean samples, sample matrix effects may significantly alter these figures.