



Geotech Disposable Inline Filter

Metals Certification Sheet

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CERTIFICATION

Rest assured, our dispos-a-filters are certified to exhibit non-detectable levels when a metals analysis is performed on their effluent using ICAP, ICP-MS or GFAA instrumentation. In a Class 100 clean room, ICP-MS instrumentation was used to perform a NEW certification of metals (see list below). All manufactured lots are tested using an independent laboratory using EPA-approved test methods.

Element	LOD (µg/L) (ppb)	Element	LOD (µg/L) (ppb)	Element	LOD (µg/L) (ppb)	Element	LOD (µg/L) (ppb)
Aluminum (Al)	0.2	Gallium (Ga)	0.04	Osmium (Os)	0.02	Thallium (Tl)	0.05
Antimony (Sb)	0.02	Germanium (Ge)	0.05	Palladium (Pd)	0.06	Thorium (Th)	0.02
Arsenic (As)	0.2	Gold (Au)	0.05	Platinum (Pt)	0.08	Thulium (Tm)	0.01
Barium (Ba)	0.01	Hafnium (Hf)	0.03	Potassium (K)	25	Tin (Sn)	0.2
Beryllium (Be)	0.04	Holmium (Ho)	0.01	Praseodymium (Pr)	0.01	Titanium (Ti)	0.05
Bismuth (Bi)	0.04	Indium (In)	0.02	Rhenium (Re)	0.06	Tungsten (W)	0.2
Boron (B)	2	Iridium (Ir)	0.06	Rhodium (Rh)	0.02	Uranium (U)	0.02
Cadmium (Cd)	0.03	Iron (Fe)	1	Rubidium (Rb)	0.1	Vanadium (V)	0.03
Calcium (Ca)	25	Lanthanum (La)	0.01	Ruthenium (Ru)	0.05	Ytterbium (Yb)	0.03
Cerium (Ce)	0.01	Lead (Pb)	0.05	Samarium (Sm)	0.04	Yttrium (Y)	0.02
Cesium (Cs)	0.02	Lithium (Li)	0.03	Scandium (Sc)	0.2	Zinc (Zn)	1
Chromium (Cr)	0.03	Lutetium (Lu)	0.01	Selenium (Se)	7	Zirconium (Zr)	0.05
Cobalt (Co)	0.02	Magnesium (Mg)	10	Silicon (Si)	0.5	Chloride (Cl)	50
Copper (Cu)	0.5	Manganese (Mn)	0.03	Silver (Ag)	0.03	Sulfate (So4)	10
Dysprosium (Dy)	0.04	Mercury (Hg)	0.05	Sodium (Na)	25	Flouride (F)	2
Erbium (Er)	0.02	Molybdenum (Mo)	0.05	Strontium (Sr)	0.01	Nitrite (NO2)	10
Europium (Eu)	0.02	Neodymium (Nd)	0.02	Tantalum (Ta)	0.02	Bromide (Br)	5
Gadolinium (Gd)	0.04	Nickel (Ni)	0.5	Tellurium (Te)	0.04	Nitrate (NO3)	10
		Niobium (Nb)	0.02	Terbium (Tb)	0.02	Phosphate (HPO)	5

*LOD: Limits of Detection (ppb)