

## PYROPEL® HD

### LEACHABLE TRACE METALS BY ICP-MS

Trace Metal	Symbol	DL	Amount	Units
Aluminum	Al	0.05	0.74	ppb
Antimony	Sb	0.02	*	ppb
Arsenic	As	0.2	*	ppb
Barium	Ba	0.01	0.05	ppb
Beryllium	Be	0.04	*	ppb
Bismuth	Bi	0.04	*	ppb
Boron	B	0.5	*	ppb
Cadmium	Cd	0.03	*	ppb
Calcium	Ca	3	13	ppb
Cerium	Ce	0.01	*	ppb
Cesium	Cs	0.02	*	ppb
Chromium	Cr	0.03	*	ppb
Cobalt	Co	0.02	0.11	ppb
Copper	Cu	0.05	0.20	ppb
Dysprosium	Dy	0.04	*	ppb
Erbium	Er	0.02	*	ppb
Europium	Eu	0.02	*	ppb
Gadolinium	Gd	0.04	*	ppb
Gallium	Ga	0.04	*	ppb
Germanium	Ge	0.05	*	ppb
Gold	Au	0.05	*	ppb
Hafnium	Hf	0.03	*	ppb
Holmium	Ho	0.01	*	ppb
Indium	In	0.02	*	ppb
Iridium	Ir	0.06	*	ppb
Iron	Fe	0.1	1.0	ppb
Lanthanum	La	0.01	*	ppb
Lead	Pb	0.05	0.05	ppb
Lithium	Li	0.03	*	ppb
Lutetium	Lu	0.01	*	ppb
Magnesium	Mg	0.02	1.7	ppb
Manganese	Mn	0.03	0.11	ppb
Mercury	Hg	0.05	*	ppb
Molybdenum	Mo	0.05	*	ppb
Neodymium	Nd	0.02	*	ppb
Nickel	Ni	0.05	*	ppb
Niobium	Nb	0.02	*	ppb
Osmium	Os	0.02	*	ppb
Palladium	Pd	0.06	*	ppb
Platinum	Pt	0.08	*	ppb

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Trace Metal	Symbol	DL	Amount	Units
Potassium	K	5	58	ppb
Praseodymium	Pr	0.01	*	ppb
Rhenium	Re	0.06	*	ppb
Rhodium	Rh	0.02	*	ppb
Rubidium	Rb	0.01	0.02	ppb
Ruthenium	Ru	0.05	*	ppb
Samarium	Sm	0.04	*	ppb
Scandium	Sc	0.2	*	ppb
Selenium	Se	7	*	ppb
Silicon	Si	50	*	ppb
Silver	Ag	0.03	*	ppb
Sodium	Na	0.06	45	ppb
Strontium	Sr	0.01	0.05	ppb
Tantalum	Ta	0.02	*	ppb
Tellurium	Te	0.04	*	ppb
Terbium	Tb	0.02	*	ppb
Thallium	Tl	0.05	*	ppb
Thorium	Th	0.02	*	ppb
Thulium	Tm	0.01	*	ppb
Tin	Sn	0.02	*	ppb
Titanium	Ti	0.05	*	ppb
Tungsten	W	0.02	0.02	ppb
Uranium	U	0.02	*	ppb
Vanadium	V	0.03	*	ppb
Ytterbium	Yb	0.03	*	ppb
Yttrium	Y	0.02	*	ppb
Zinc	Zn	0.06	1.1	ppb
Zirconium	Zr	0.05	0.14	ppb

DL = Detection Limit

\* = Analysis revealed that the element was not found above the detection limit.

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