

Agilent ICP-MS - 3 Sigma Detection Limits

																	<0.1 ppt																	
																	0.1 - 1ppt																	
																	1 - 10 ppt																	
																	>10 ppt																	
H																																		He
Li 0.8 *0.05	Be 0.2															B 4	C	N	O	F 100	Ne													
Na 15 *0.04	Mg 1 *0.04															Al 5 *0.04	Si 500	P 40	S >1000	Cl >1000	Ar													
K 200 *0.2	Ca 300 *0.5	Sc 3	Ti 4	V 0.7	Cr 2 *0.08	Mn *0.2	Fe 100 *0.3	Co 1 0.3	Ni 6 *0.1	Cu 6 *0.02	Zn 1 *5	Ga 0.7	Ge 0.9	As 2	Se 20	Br 100	Kr																	
Rb 0.1	Sr 0.06	Y 0.09	Zr 0.08	Nb 0.1	Mo 0.3	Tc	Ru 0.3	Rh 0.1	Pd 0.4	Ag 0.1	Cd 0.4	In 0.06	Sn 0.2	Sb 0.6	Te 1	I 0.8	Xe																	
Cs 0.05	Ba 0.4	LA	Hf 0.2	Ta 0.09	W 0.3	Re 0.3	Os	Ir 0.3	Pt 0.5	Au 0.2	Hg 1	Tl 0.05	Pb 0.3	Bi 0.1	Po	At	Rn																	
Fr	Ra	AC																																

Standard pneumatic nebuliser
3 sec/mass integration time

LA	La 0.07	Ce 0.08	Pr 0.06	Nd 0.08	Pm	Sm 0.1	Eu 0.1	Gd 0.1	Tb 0.07	Dy 0.2	Ho 0.07	Er 0.2	Tm 0.03	Yb 0.2	Lu 0.04
AC	Ac	Th 0.03	Pa	U 0.03	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr