

# ZARAZMA Periodic Table of Methods

Period	1 IA											18 VIII A	
1	H											He	
2	Li 1ppm - 1%	Be 0.2ppm - 1%											Ne
3	Na 100ppm - 10%	Mg 100ppm - 2%											Ar
4	K 100ppm - 10%	Ca 100ppm - 10%											Kr
5	Rb 1ppm - 1%	Sr 1ppm - 1%											Xe
6	Cs 0.5ppm - 1%	Ba 1ppm - 1%											Rn
7	Fr	Ra											

  

3 III B	4 IV B	5 V B	6 VI B	7 VII B	8 VIII B	9 VIII B	10 VIII B	11 I B	12 II B
Sc 0.5ppm - 3%	Ti 0.5ppm - 3%	V 1ppm - 3%	Cr 1ppm - 1%	Mn 5ppm - 2%	Fe 100ppm - 10%	Co 1ppm - 1%	Ni 1ppm - 3%	Cu 1ppm - 5%	Zn 1ppm - 3%
Y 0.5ppm - 1%	Zr 0.5ppm - 1%	Nb 0.5ppm - 3%	Mo 0.5ppm - 3%	Tc	Ru 0.5ppm - 1%	Rh 0.5ppm - 1%	Pd 0.1 - 500ppm	Ag 0.1 - 500ppm	Cd 0.5ppm - 1%
Lu 0.5ppm - 1%	Hf 0.5ppm - 1%	Ta 0.5ppm - 1%	W 1ppm - 1%	Re	Os 1ppm - 1%	Ir 1ppm - 1%	Pt 10ppb - 10ppm	Au 1ppb - 100ppm	Hg DL - 1ppm
Lr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn

  

13 III A	14 IV A	15 V A	16 VI A	17 VII A	18 VIII A
B 0.5ppm - 1%	C	N 100ppm - 3%	O 50ppm - 3%	F 0.01 - 100ppm	Ne
Al 100ppm - 10%	Si 100ppm - 3%	P 50ppm - 3%	S 50ppm - 3%	Cl DL - 0.01%	Ar
Ga DL - 0.01%	Ge DL - 0.01%	As 0.5ppm - 1%	Se 0.5ppm - 1%	Br DL - 0.1ppm	Kr
In 0.5ppm - 1%	Sn 0.1 - 100ppm	Sb 0.5 - 100ppm	Te 0.5ppm - 1%	I DL - 0.01%	Xe
Tl 0.5ppm - 1%	Pb DL - 0.01%	Bi 0.5ppm - 1%	Po	At	Rn
Uut	Fl	Uup	Lv	Uus	Uuo

lanthanides (rare earth metals)	14 La 1ppm - 1%	Ce 1ppm - 1%	Pr 0.5ppm - 1%	Nd 0.5ppm - 1%	Pm	Sm 0.05ppm - 1%	Eu 0.5ppm - 1%	Gd 0.05ppm - 1%	Tb 0.5ppm - 1%	Dy 0.05ppm - 1%	Ho	Er 0.05ppm - 1%	Tm 0.5ppm - 1%	Yb 0.05ppm - 1%
actinides	15 Ac DL - 0.01%	Th 0.5ppm - 1%	Pa DL - 0.01%	U 0.5ppm - 1%	Np	Pu DL - 0.01%	Am	Cm	Bk	Cf	Es	Fm	Md	No

<b>ME-01</b> DL - UL 28 Elements	Aqua Regia Digestion	Ag	Al	As	Ba	Be	Ca	Cd	Ce	Co	Cr	Cu	Fe	La	Li	Mg	Mn	Ni	P	Pb	S	Sb	Sc	Th	V	Y	Zn								
<b>ME-02</b> DL - UL 34 Elements	4-Acid Digestion	Ag	Al	As	Ba	Be	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	U	V	Y	Zn	Zr	
<b>MMS-01</b> DL - UL 58 Elements	Mass Spectrometry	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Gd	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pr
<b>REEs MMS-01</b> DL - UL 15 Elements		Sc	La	Ce	Pr	Nd	Sm	Eu	Gd	Y	Tb	Dy	Er	Tm	Yb	Lu																			
<b>AF-01</b> DL - UL 13 Elements	Alkaline Fusion	Al	Ba	Ca	Cr	Fe	K	Mg	Mn	Na	P	S	Si	Ti																					
<b>AF-02</b> DL - UL 1 Element	Peroxide Fusion	As	Ba	Cu	Co	Fe	K	Mg	Mn	Ni	P	Pb	S	Sb	Si	Ti	Zn																		
<b>FA-01</b> DL - UL 3 Elements	Fire Assay (FA-01) Au Aqua (FA-02)	Au	Pt	Pd																															
<b>FA-02</b> DL - UL 1 Element	Alkaline Fusion (AF-01) Peroxide Fusion (AF-02)	Au																																	