

X-RAY PERIODIC CHART

¹ H 1.008																		² He 4.003			
³ Li 6.939	⁴ Be 9.012	<div style="border: 1px solid blue; padding: 5px; display: inline-block;"> Atomic Symbol Atomic Number Atomic Weight Spectrum Wavelength Å Analyzing Crystal 2 Angle Excitation Voltage (KeV) </div>														⁵ B 10.811	⁶ C 12.011	⁷ N 14.007	⁸ O 15.999	⁹ F 18.998	¹⁰ Ne 20.183
¹¹ Na 22.990	¹² Mg 24.312	The PortaSpec® XBT is able to analyze all of the elements outlined in blue . The PortaSpec® XLE is able to analyze all of the elements outlined in red .														¹³ Al 26.982 K 8.338 PET 144.67° 1.56	¹⁴ Si 28.086 K 7.126 PET 109.06° 1.84	¹⁵ P 30.974 K 6.155 Ge 140.87° 2.14	¹⁶ S 32.064 K 5.373 Ge 110.68° 2.47	¹⁷ Cl 35.453 K 4.729 Ge 92.76° 2.82	¹⁸ Ar 39.948
¹⁹ K 39.102 K 3.724 LiF 136.68° 3.61	²⁰ Ca 40.08 K 3.359 LiF 113.08° 4.04	²¹ Sc 44.956 K 3.032 LiF 97.71° 4.50	²² Ti 47.90 K 2.750 LiF 86.12° 4.95	²³ V 50.942 K 2.505 LiF 76.92° 5.45	²⁴ Cr 51.996 K 2.291 LiF 69.35° 5.98	²⁵ Mn 54.938 K 2.103 LiF 62.97° 6.54	²⁶ Fe 55.847 K 1.937 LiF 57.52° 7.10	²⁷ Co 58.993 K 1.790 LiF 52.79° 7.71	²⁸ Ni 58.71 K 1.659 LiF 48.67° 8.29	²⁹ Cu 63.54 K 1.542 LiF 45.02° 8.86	³⁰ Zn 65.37 K 1.436 LiF 41.81° 9.65	³¹ Ga 69.72 K 1.341 LiF 38.90° 10.4	³² Ge 72.59 K 1.255 LiF 36.34° 11.1	³³ As 74.922 K 1.177 LiF 33.98° 11.9	³⁴ Se 78.96 K 1.106 LiF 31.87° 12.7	³⁵ Br 79.909 K 1.041 LiF 29.96° 13.5	³⁶ Kr 83.80				
³⁷ Rb 85.47 K .9269 LiF 26.62° 15.7	³⁸ Sr 87.62 K .8766 LiF 25.15° 16.1	³⁹ Y 88.905 K .8302 LiF 23.80° 17.0	⁴⁰ Zr 91.22 K .7873 L 6.0705 LiF 22.55° Ge 136.67° 18.0 2.55	⁴¹ Nb 92.906 K .7476 LiF 21.40° 19.0	⁴² Mo 95.94 K .7107 LiF 20.33° 20.0	⁴³ Tc 99 K .6744 LiF 19.28° 21.1	⁴⁴ Ru 101.07 K .6445 LiF 18.42° 22.1	⁴⁵ Rh 102.905 K .6147 LiF 17.56° 23.2	⁴⁶ Pd 106.4 K .5869 LiF 16.76° 24.4	⁴⁷ Ag 107.870 K .5608 LiF 16.01° 25.5	⁴⁸ Cd 112.40	⁴⁹ In 114.82	⁵⁰ Sn 118.69	⁵¹ Sb 121.75	⁵² Te 127.60	⁵³ I 126.904	⁵⁴ Xe 131.30				
⁵⁵ Cs 132.905	⁵⁶ Ba 137.34 L 2.775 LiF 87.13° 6.00	⁵⁷ La 138.91 L 2.665 LiF 82.88° 6.26	⁷² Hf 178.49 L 1.570 LiF 44.41° 11.3	⁷³ Ta 180.948 L 1.522 LiF 44.41° 11.7	⁷⁴ W 183.85 L 1.476 LiF 43.02° 12.1	⁷⁵ Re 186.2 L 1.433 LiF 41.69° 12.5	⁷⁶ Os 190.2 L 1.391 LiF 40.42° 13.0	⁷⁷ Ir 192.2 L 1.351 LiF 39.22° 13.4	⁷⁸ Pt 195.09 L 1.313 LiF 38.06° 13.9	⁷⁹ Au 196.967 L 1.276 LiF 36.96° 14.4	⁸⁰ Hg 200.59 L 1.241 LiF 35.90° 14.8	⁸¹ Tl 204.37 L 1.207 LiF 34.90° 15.3	⁸² Pb 207.19 L 1.175 LiF 33.92° 15.8	⁸³ Bi 208.980 L 1.144 LiF 33.01° 16.4	⁸⁴ Po 210 L 1.114 LiF 32.11° 16.9	⁸⁵ At 210 L 1.085 LiF 31.26° 17.5	⁸⁶ Rn 222				
⁸⁷ Fr 223 L 1.030 LiF 29.64° 18.6	⁸⁸ Ra 226 L 1.005 LiF 28.90° 19.3	⁸⁹ Ac 227 L .9799 LiF 28.17° 19.8	⁵⁸ Ce 140.12 L 2.561 LiF 79.00° 6.54	⁵⁹ Pr 140.907 L 2.463 LiF 75.44° 3.83	⁶⁰ Nd 144.24 L 2.370 LiF 72.11° 7.12	⁶¹ Pm 147 L 2.282 LiF 69.07° 7.45	⁶² Sm 150.35 L 2.199 LiF 66.22° 7.73	⁶³ Eu 151.96 L 2.121 LiF 63.56° 8.04	⁶⁴ Gd 157.25 L 2.046 LiF 61.08° 8.37	⁶⁵ Tb 158.924 L 1.976 LiF 58.76° 8.70	⁶⁶ Dy 162.50 L 1.909 LiF 56.59° 9.03	⁶⁷ Ho 164.930 L 1.845 LiF 54.53° 9.38	⁶⁸ Er 167.26 L 1.784 LiF 52.61° 9.73	⁶⁹ Tm 168.934 L 1.726 LiF 50.77° 10.1	⁷⁰ Yb 173.04 L 1.672 LiF 49.06° 10.5	⁷¹ Lu 174.97 L 1.619 LiF 47.43° 10.9					
⁹⁰ Th 232.038 L .956 LiF 27.47° 20.5	⁹¹ Pa 231 L .9328 LiF 26.79° 21.1	⁹² U 238.03 L .9105 LiF 26.14° 21.7	⁹³ Np 237	⁹⁴ Pu 244	⁹⁵ Am 243	⁹⁶ Cm 247	⁹⁷ Bk 247	⁹⁸ Cf 251	⁹⁹ Es 254	¹⁰⁰ Fm 253	¹⁰¹ Md 256	¹⁰² No 257	¹⁰³ Lw 257								