



Oxford Cambridge and RSA

GCSE (9–1) Combined Science B (Twenty First Century Science) Chemistry J260 02/06

Data Sheet (Insert)

June 2018



INSTRUCTIONS

- Do not send this Data Sheet for marking; it should be retained in the centre or destroyed.

INFORMATION

- The information in this Data Sheet is for the use of candidates following GCSE (9–1) Combined Science B (Chemistry) (J260 02/06).
- This document consists of **2** pages.

The Periodic Table of the Elements

(1) (2)

(3)

(4)

(5)

(6)

(7)

(0)

Key
atomic number
Symbol
name
relative atomic mass

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																										
1 H hydrogen 1.0	2 He helium 4.0	21 Sc scandium 45.0	22 Ti titanium 47.9	23 V vanadium 50.9	24 Cr chromium 52.0	25 Mn manganese 54.9	26 Fe iron 55.8	27 Co cobalt 58.9	28 Ni nickel 58.7	29 Cu copper 63.5	30 Zn zinc 65.4	31 Ga gallium 69.7	32 Ge germanium 72.6	33 As arsenic 74.9	34 Se selenium 79.0	35 Br bromine 79.9	36 Kr krypton 83.8																										
3 Li lithium 6.9	4 Be beryllium 9.0	39 Y yttrium 88.9	40 Zr zirconium 91.2	41 Nb niobium 92.9	42 Mo molybdenum 95.9	43 Tc technetium	44 Ru ruthenium 101.1	45 Rh rhodium 102.9	46 Pd palladium 106.4	47 Ag silver 107.9	48 Cd cadmium 112.4	49 In indium 114.8	50 Sn tin 118.7	51 Sb antimony 121.8	52 Te tellurium 127.6	53 I iodine 126.9	54 Xe xenon 131.3																										
11 Na sodium 23.0	12 Mg magnesium 24.3	57-71 lanthanoids	72 Hf hafnium 178.5	73 Ta tantalum 180.9	74 W tungsten 183.8	75 Re rhenium 186.2	76 Os osmium 190.2	77 Ir iridium 192.2	78 Pt platinum 195.1	79 Au gold 197.0	80 Hg mercury 200.6	81 Tl thallium 204.4	82 Pb lead 207.2	83 Bi bismuth 209.0	84 Po polonium	85 At astatine	86 Rn radon																										
19 K potassium 39.1	20 Ca calcium 40.1	89-103 actinoids	104 Rf rutherfordium	105 Db dubnium	106 Sg seaborgium	107 Bh bohrium	108 Hs hassium	109 Mt meitnerium	110 Ds darmstadtium	111 Rg roentgenium	112 Cn copernicium	113 Al aluminium 27.0	114 Fl flerovium	115 P phosphorus 31.0	116 Lv livermorium	117 Cs cesium 132.9	118 Ar argon 39.9																										
37 Rb rubidium 85.5	38 Sr strontium 87.6		108 Hs hassium	109 Mt meitnerium	110 Ds darmstadtium	111 Rg roentgenium	112 Cn copernicium	113 Al aluminium 27.0	114 Fl flerovium	115 P phosphorus 31.0	116 Lv livermorium	117 Cs cesium 132.9	118 Ar argon 39.9	119 Ba barium 137.3	120 La lanthanum 138.9	121 Pr praseodymium 140.9	122 Nd neodymium 144.2	123 Pm promethium	124 Sm samarium 150.4	125 Eu europium 151.9	126 Gd gadolinium 157.3	127 Tb terbium 158.9	128 Dy dysprosium 162.5	129 Ho holmium 164.9	130 Er erbium 167.3	131 Tm thulium 168.9	132 Yb ytterbium 173.0	133 Lu lutetium 174.9	134 Hf hafnium 178.5	135 Ta tantalum 180.9	136 W tungsten 183.8	137 Re rhenium 186.2	138 Os osmium 190.2	139 Ir iridium 192.2	140 Pt platinum 195.1	141 Au gold 197.0	142 Hg mercury 200.6	143 Tl thallium 204.4	144 Pb lead 207.2	145 Bi bismuth 209.0	146 Po polonium	147 At astatine	148 Rn radon