



Oxford Cambridge and RSA

June 2023

**GCSE (9–1) Chemistry B
(Twenty First Century Science)**

J258 01/02/03/04

Data Sheet



INSTRUCTIONS

- Do **not** send this Data Sheet for marking. Keep it in the centre or recycle it.

INFORMATION

- This Data Sheet has **2** pages.

The Periodic Table of the Elements

(1) (2)

(3)

(4)

(5)

(6)

(7)

(0)

Key
atomic number
Symbol <small>name</small>
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	3 Li lithium 6.9	11 Na sodium 23.0	19 K potassium 39.1	27 Co cobalt 58.9	35 Br bromine 79.9	43 Tc technetium	51 Sb antimony 121.8	59 Pr praseodymium 140.9	67 Lu lutetium 174.9	75 Re rhenium 186.2	83 Bi bismuth 209.0	91 Pa protactinium 231.0	99 Ac actinium 227.0	107 Bh bohrium	115 At astatine	123 Fr francium 223.0	131 At astatine 210.0
2 He helium 4.0	4 Be beryllium 9.0	12 Mg magnesium 24.3	20 Ca calcium 40.1	28 Ni nickel 58.7	36 Kr krypton 83.8	44 Ru ruthenium 101.1	52 Te tellurium 127.6	60 Nd neodymium 144.2	68 Er erbium 167.3	76 Os osmium 190.2	84 Po polonium 209.0	92 U uranium 238.0	100 Fm fermium 253.0	108 Hs hassium	116 Lv livermorium	124 Ra radium 226.0	132 Rn radon 222.0
5 B boron 10.8	6 C carbon 12.0	13 Al aluminium 27.0	21 Sc scandium 45.0	29 Cu copper 63.5	37 Rb rubidium 85.5	45 Rh rhodium 102.9	53 I iodine 126.9	61 Gd gadolinium 157.0	69 Tm thulium 168.9	77 Ir iridium 192.2	85 At astatine	93 Th thorium 232.0	101 Mt meitnerium	109 Mt meitnerium	117 Ts tennessine	125 Ac actinium 227.0	133 Xe xenon 131.3
7 N nitrogen 14.0	8 O oxygen 16.0	14 Si silicon 28.1	22 Ti titanium 47.9	30 Zn zinc 65.4	38 Sr strontium 87.6	46 Pd palladium 106.4	54 Xe xenon 131.3	70 Yb ytterbium 173.0	78 Pt platinum 195.1	86 Rn radon 222.0	94 Np neptunium 237.0	102 Ni nickelium 259.0	110 Ds darmstadtium	118 Og oganesson 284.0	126 At astatine	134 Kr krypton 83.8	136 Xe xenon 131.3
9 F fluorine 19.0	10 Ne neon 20.2	15 P phosphorus 31.0	23 V vanadium 50.9	31 Ga gallium 69.7	39 Y yttrium 88.9	47 Ag silver 107.9	55 Cs caesium 132.9	71 Lu lutetium 174.9	79 Au gold 197.0	87 Rb rubidium 85.5	95 Am americium 243.0	103 Lr lawrencium 260.0	111 Rg roentgenium	119 Uu ununium 288.0	127 At astatine	135 Kr krypton 83.8	137 Xe xenon 131.3