

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
GCSE (9–1)**

**J248 01/02/03/04**

**CHEMISTRY A  
(GATEWAY SCIENCE)**

**DATA SHEET (INSERT)**

**JUNE 2018**

**MODIFIED ENLARGED**

## **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) Chemistry A (J248 01/02/03/04).**



# The Periodic Table of the Elements

[illegible]

## ELEMENTS LISTED IN NUMERICAL ORDER:

|    |            |    |     |               |    |
|----|------------|----|-----|---------------|----|
| 1  | Hydrogen   | H  | 43  | Technetium    | Tc |
| 2  | Helium     | He | 44  | Ruthenium     | Ru |
| 3  | Lithium    | Li | 45  | Rhodium       | Rh |
| 4  | Beryllium  | Be | 46  | Palladium     | Pd |
| 5  | Boron      | B  | 47  | Silver        | Ag |
| 6  | Carbon     | C  | 48  | Cadmium       | Cd |
| 7  | Nitrogen   | N  | 49  | Indium        | In |
| 8  | Oxygen     | O  | 50  | Tin           | Sn |
| 9  | Fluorine   | F  | 51  | Antimony      | Sb |
| 10 | Neon       | Ne | 52  | Tellurium     | Te |
| 11 | Sodium     | Na | 53  | Iodine        | I  |
| 12 | Magnesium  | Mg | 54  | Xenon         | Xe |
| 13 | Aluminium  | Al | 55  | Caesium       | Cs |
| 14 | Silicon    | Si | 56  | Barium        | Ba |
| 15 | Phosphorus | P  | 72  | Hafnium       | Hf |
| 16 | Sulfur     | S  | 73  | Tantalum      | Ta |
| 17 | Chlorine   | Cl | 74  | Tungsten      | W  |
| 18 | Argon      | Ar | 75  | Rhenium       | Re |
| 19 | Potassium  | K  | 76  | Osmium        | Os |
| 20 | Calcium    | Ca | 77  | Iridium       | Ir |
| 21 | Scandium   | Sc | 78  | Platinum      | Pt |
| 22 | Titanium   | Ti | 79  | Gold          | Au |
| 23 | Vanadium   | V  | 80  | Mercury       | Hg |
| 24 | Chromium   | Cr | 81  | Thallium      | Tl |
| 25 | Manganese  | Mn | 82  | Lead          | Pb |
| 26 | Iron       | Fe | 83  | Bismuth       | Bi |
| 27 | Cobalt     | Co | 84  | Polonium      | Po |
| 28 | Nickel     | Ni | 85  | Astatine      | At |
| 29 | Copper     | Cu | 86  | Radon         | Rn |
| 30 | Zinc       | Zn | 87  | Francium      | Fr |
| 31 | Gallium    | Ga | 88  | Radium        | Ra |
| 32 | Germanium  | Ge | 104 | Rutherfordium | Rf |
| 33 | Arsenic    | As | 105 | Dubnium       | Db |
| 34 | Selenium   | Se | 106 | Seaborgium    | Sg |
| 35 | Bromine    | Br | 107 | Bohrium       | Bh |
| 36 | Krypton    | Kr | 108 | Hassium       | Hs |
| 37 | Rubidium   | Rb | 109 | Meitnerium    | Mt |
| 38 | Strontium  | Sr | 110 | Darmstadtium  | Ds |
| 39 | Yttrium    | Y  | 111 | Roentgenium   | Rg |
| 40 | Zirconium  | Zr | 112 | Copernicium   | Cn |
| 41 | Niobium    | Nb | 114 | Flerovium     | Fl |
| 42 | Molybdenum | Mo | 116 | Livermorium   | Lv |

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