

Modified Enlarged 18pt

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

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

J260 02/06

Data Sheet (Insert)

June 2019

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).



The Periodic Table of the Elements

(1)	(2)	Key										(3)	(4)	(5)	(6)	(7)	(8)																														
1		atomic number										17						18																													
Symbol		name										16						15																													
relative atomic mass												14						13																													
1	H	hydrogen	1.0											5	B	boron	10.8	6	C	carbon	12.0	7	N	nitrogen	14.0	8	O	oxygen	16.0	9	F	fluorine	19.0	10	Ne	neon	20.2										
3	Li	lithium	6.9	4	Be	beryllium	9.0											13	Al	aluminium	27.0	14	Si	silicon	28.1	15	P	phosphorus	31.0	16	S	sulfur	32.1	17	Cl	chlorine	35.5	18	Ar	argon	39.9						
11	Na	sodium	23.0	12	Mg	magnesium	24.3											13	Al	aluminium	27.0	14	Si	silicon	28.1	15	P	phosphorus	31.0	16	S	sulfur	32.1	17	Cl	chlorine	35.5	18	Ar	argon	39.9						
19	K	potassium	39.1	20	Ca	calcium	40.1	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
37	Rb	rubidium	85.5	38	Sr	strontium	87.6	39	Y	yttrium	88.9	40	Zr	zirconium	91.2	41	Nb	niobium	92.9	42	Mo	molybdenum	95.9	43	Tc	technetium	101.1	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
55	Cs	caesium	132.9	56	Ba	barium	137.3	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
87	Fr	francium		88	Ra	radium		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	

ELEMENTS LISTED IN NUMERICAL ORDER:

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



Oxford Cambridge and RSA

Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact The OCR Copyright Team, The Triangle Building, Shaftesbury Road, Cambridge CB2 8EA.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.