

L2-CHEMR



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

Level 2 Chemistry, 2016

9.30 a.m. Monday 21 November 2016

RESOURCE SHEET for 91164, 91165, 91166

Refer to this sheet to answer the questions in your Question and Answer Booklets.

Check that this sheet is printed on the back.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

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PERIODIC TABLE OF THE ELEMENTS

18

Atomic number		Molar mass/g mol ⁻¹																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1	H 1.0																		
2	He 4.0																		
3	Li 6.9	Be 9.0																	
4			B 10.8	C 12.0	N 14.0	O 16.0	F 19.0	Ne 20.2											
11	Na 23.0	Mg 24.3																	
12			Al 27.0	Si 28.1	P 31.0	S 32.1	Cl 35.5	Ar 40.0											
19	K 39.1	Ca 40.1	Sc 45.0	Ti 47.9	V 50.9	Cr 52.0	Mn 54.9	Fe 55.9	Co 58.9	Ni 58.7	Zn 65.4	Ga 69.7	Ge 72.6	As 74.9	Se 79.0	Br 79.9	Kr 83.8		
37	Rb 85.5	Sr 87.6	Y 88.9	Zr 91.2	Nb 92.9	Mo 95.9	Tc 98.9	Ru 101	Rh 103	Pd 106	Cd 112	In 115	Sn 119	Sb 122	Te 128	I 127	Xe 131		
55	Cs 133	Ba 137	Lu 175	Hf 179	Ta 181	W 184	Re 186	Os 190	Ir 192	Pt 195	Hg 201	Tl 204	Pb 207	Bi 209	Po 210	At 210	Rn 222		
87	Fr 223	Ra 226	Lr 262	Rf 261	Db 262	Sg 263	Bh 264	Hs 265	Mt 268	Ds 271	Cn 277		Fl 289		Lv 292				

Lanthanide Series	57	La 139	Ce 140	Pr 141	Nd 144	Pm 147	Sm 150	Eu 152	Gd 157	Tb 159	Dy 163	Ho 165	Er 167	Tm 169	Yb 173
Actinide Series	89	Ac 227	Th 232	Pa 231	U 238	Np 237	Pu 239	Am 241	Cm 244	Bk 249	Cf 251	Es 252	Fm 257	Md 258	No 259