

L2-CHEMR

NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA



National Certificate of Educational Achievement
TAUMATA MĀTAURANGA Ā-MOTU KUA TAEA

Level 2 Chemistry, 2006

2.00 pm Monday 27 November 2006

RESOURCE SHEET
for 90308, 90310, 90311

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

Check that this is printed on the back.

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

PERIODIC TABLE OF THE ELEMENTS

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
		H 1.0																	He 4.0
3	4	Li 6.9	Be 9.0											5	6	7	8	9	10
11	12	Na 23.0	Mg 24.3											13	14	15	16	17	18
19	20	K 39.1	Ca 40.1	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
37	38	Rb 85.5	Sr 87.6	Sc 45.0	Ti 47.9	V 50.9	Cr 52.0	Mn 54.9	Fe 55.9	Co 58.9	Ni 58.7	Cu 63.6	Zn 65.4	Ga 69.7	Ge 72.6	As 74.9	Se 79.0	Br 79.9	Kr 83.8
55	56	Cs 133	Ba 137	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
87	88	Fr 223	Ra 226	Y 88.9	Zr 91.2	Nb 92.9	Mo 95.9	Tc 98.9	Ru 101	Rh 103	Pd 106	Ag 108	Cd 112	In 115	Sn 119	Sb 122	Te 128	I 127	Xe 131
				71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
				Lu 175	Hf 179	Ta 181	W 184	Re 186	Os 190	Ir 192	Pt 195	Au 197	Hg 201	Tl 204	Pb 207	Bi 209	Po 210	At 210	Rn 222
				103	104	105	106	107	108	109									
				Lr 262	Rf 261	Db 262	Sg 263	Bh 264	Hs 265	Mt 268									

57	La 139	58	Ce 140	59	Pr 141	60	Nd 144	61	Pm 147	62	Sm 150	63	Eu 152	64	Gd 157	65	Tb 159	66	Dy 163	67	Ho 165	68	Er 167	69	Tm 169	70	Yb 173
89	Ac 227	90	Th 232	91	Pa 231	92	U 238	93	Np 237	94	Pu 239	95	Am 241	96	Cm 244	97	Bk 249	98	Cf 251	99	Es 252	100	Fm 257	101	Md 258	102	No 259