



Grade thresholds – June 2022

Cambridge International AS & A Level Chemistry (9701)

Grade thresholds taken for Syllabus 9701 (Chemistry) in the June 2022 examination.

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	40	25	22	18	14	11
Component 12	40	24	21	17	14	11
Component 13	40	24	21	17	14	11
Component 21	60	31	23	18	12	7
Component 22	60	32	22	18	12	7
Component 23	60	31	23	18	12	7
Component 31	40	21	17	13	10	7
Component 32	40	21	17	13	10	7
Component 33	40	21	17	13	10	7
Component 34	40	22	17	13	10	7
Component 35	40	21	17	13	10	7
Component 41	100	59	50	41	31	20
Component 42	100	61	48	39	29	19
Component 43	100	59	50	41	31	20
Component 50	75	54	44	34	24	15
Component 51	30	19	16	13	10	8
Component 52	30	20	18	15	13	10
Component 53	30	19	16	13	10	8
Component 60	75	55	44	34	25	15

Grade A* does not exist at the level of an individual component.

The overall thresholds for the different grades were set as follows. Options with an additional letter, e.g. BYJ, refer to A2-only options.

Option	Maximum mark after weighting	Combination of Components	A*	A	B	C	D	E
AX	260	11, 21, 31, 41, 51	176	150	124	99	75	51
AY	260	12, 22, 33, 42, 52	184	153	122	98	75	52
AZ	260	13, 23, 35, 43, 53	175	149	123	99	75	51

Grade thresholds continued
Cambridge AS & A Level Chemistry (9701)

Option	Maximum mark after weighting	Combination of Components	A*	A	B	C	D	E
BX1	260	41, 51, 84	190	163	136	108	80	52
BX2	260	41, 51, 87	190	163	136	108	80	52
BXJ	130	41, 51	90	75	60	44	28	13
BY1	260	42, 52, 85	190	161	132	107	82	57
BY2	260	42, 52, 88	190	161	132	107	82	57
BYJ	130	42, 52	96	78	60	44	28	13
BZ1	260	43, 53, 86	183	157	131	105	80	55
CP1	260	43, 53, 94	171	147	123	100	78	56
CQ1	260	41, 51, 95	174	150	126	102	78	54
CQ2	260	41, 51, 98	173	149	125	101	77	54
CQN	130	41, 51	90	75	60	44	28	13
CR1	260	42, 52, 96	177	150	123	101	79	57
CR2	260	42, 52, 99	176	149	122	100	78	56
CRN	130	42, 52	96	78	60	44	28	13
CX1	260	41, 51, 94	171	147	123	100	78	56
CY1	260	42, 52, 95	180	153	126	102	78	55
CY2	260	42, 52, 98	179	152	125	101	78	55
CYN	130	42, 52	96	78	60	44	28	13
CZ1	260	43, 53, 96	171	147	123	100	78	56
CZ2	260	43, 53, 99	170	146	122	99	77	55
HX1	260	11, 21, 32, 41, 51	176	150	124	99	75	51
HY1	260	12, 22, 34, 42, 52	186	154	122	98	75	52
P1	75	50	–	54	44	34	24	15
P2	150	50, 60	129	109	88	68	49	30
P3	150	60, 80	132	115	97	79	62	45
S1	130	11, 21, 31	–	72	58	46	34	23
S2	130	11, 21, 32	–	72	58	46	34	23
S3	130	12, 22, 33	–	72	56	45	34	23
S4	130	12, 22, 34	–	73	56	45	34	23
S5	130	13, 23, 35	–	71	57	45	34	23