



Grade thresholds – November 2022

Cambridge International AS & A Level Chemistry (9701)

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

	maximum raw mark available	minimum raw mark required for grade:				
		A	B	C	D	E
Component 11	40	23	18	15	13	11
Component 12	40	24	19	16	13	11
Component 13	40	23	18	15	13	11
Component 21	60	35	27	23	18	13
Component 22	60	32	25	20	15	9
Component 23	60	35	27	23	18	13
Component 31	40	25	23	19	15	12
Component 33	40	25	23	19	15	11
Component 34	40	24	21	17	13	9
Component 35	40	25	23	19	15	12
Component 36	40	25	23	19	15	11
Component 41	100	58	53	42	31	20
Component 42	100	57	51	41	31	20
Component 43	100	58	53	42	31	20
Component 50	75	54	44	34	24	15
Component 51	30	21	18	15	12	9
Component 52	30	21	17	14	11	8
Component 53	30	21	18	15	12	9

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	179	156	133	109	85	62
AY	260	12, 22, 33, 42, 52	177	153	129	104	80	56

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

Option	Maximum mark after weighting	Combination of Components	A*	A	B	C	D	E
AZ	260	13, 23, 35, 43, 53	179	156	133	109	85	62
BS1	260	41, 51, 86	172	150	128	102	77	52
BT1	260	42, 52, 84	174	150	126	101	76	51
BT2	260	42, 52, 87	174	150	126	101	76	51
BTJ	130	42, 52	88	75	62	45	29	13
BU1	260	43, 53, 85	175	151	127	102	77	52
BU2	260	43, 53, 88	177	152	127	102	77	52
BX1	260	41, 51, 84	173	151	129	103	77	52
BY1	260	42, 52, 85	176	150	124	99	75	51
BY2	260	42, 52, 88	178	151	124	99	75	51
BZ1	260	43, 53, 86	172	150	128	102	77	52
CY1	260	42, 52, 95	172	150	128	103	78	54
CY2	260	42, 52, 98	171	149	127	102	78	54
CYN	130	42, 52	88	75	62	45	29	13
CZ1	260	43, 53, 96	168	148	128	104	80	57
CZ2	260	43, 53, 99	167	147	127	103	79	56
CZN	130	43, 53	87	76	65	48	31	14
EV	260	42, 52, 75	177	156	135	110	85	61
HY	260	12, 22, 34, 42, 52	176	152	128	103	79	55
HZ	260	13, 23, 36, 43, 53	179	156	133	109	85	61
P1	75	50	–	54	44	34	24	15
S1	130	11, 21, 31	–	77	62	52	42	33
S3	130	12, 22, 33	–	75	61	50	39	28
S4	130	12, 22, 34	–	74	60	49	38	27
S5	130	13, 23, 35	–	77	62	52	42	33
S6	130	13, 23, 36	–	77	62	52	42	32