

**American Chemical Society Division of Chemical Education
Composite Norms – 2006 High School Chemistry Exam – Advanced (HS06A)**

Score	Percentile	Score	Percentile	Score	Percentile
60	100	35	67	10	0
59	100	34	63	9	0
58	100	33	61	8	0
57	100	32	57	7	0
56	100	31	55	6	0
55	100	30	50	5	0
54	100	29	47	4	0
53	100	28	43	3	0
52	100	27	39	2	0
51	99	26	33	1	0
50	99	25	29	0	0
49	98	24	26		
48	98	23	23		
47	96	22	18		
46	95	21	14		
45	93	20	12		
44	91	19	10		
43	89	18	9		
42	87	17	6		
41	85	16	3		
40	81	15	3		
39	78	14	1		
38	75	13	1		
37	72	12	1		
36	69	11	1		

Mean	30.3
Std. deviation	9.2
Median	30
KR-21 reliability	0.84
Std error/meas	3.7

HS06A: 2006 High School Chemistry Exam – Advanced
based on the scores of 416 students from 8 different institutions

