

**American Chemical Society Division of Chemical Education  
Composite Norms – Analytical Chemistry Form 2013**

Score . . . . .	Percentile	Score . . . . .	Percentile	Score . . . . .	Percentile
50	-100	31	75	12	1
49	-100	30	72	11	1
48	-100	29	67	10	0
47	-100	28	63	9	0
46	-100	27	58	8	0
45	99	26	53	7	0
44	99	25	47	6	0
43	98	24	42	5	0
42	98	23	36	4	0
41	97	22	30	3	0
40	96	21	25	2	0
39	95	20	20	1	0
38	94	19	16	0	0
37	92	18	12		
36	90	17	9	Mean	26.14
35	88	16	6	Std. deviation	7.14
34	85	15	4	Median	25.0
33	81	14	3	KR-21 reliability	0.77
32	78	13	2	Std error/meas	3.42

**Based on the scores of 779 students in 30 colleges.**