

**American Chemical Society**  
**Division of Chemical Education**

**Composite Norms**

**Physical Chemistry (Thermodynamics) Exam 1996**

<b>Score</b>	<b>Percentile</b>	<b>Score</b>	<b>Percentile</b>	<b>Score</b>	<b>Percentile</b>
40	100	26	74	12	9
39	99	25	69	11	6
38	99	24	65	10	4
37	98	23	61	9	2
36	97	22	57	8	0
35	96	21	53	7	0
34	95	20	48	6	0
33	93	19	43	5	0
32	91	18	37	4	0
31	90	17	31	3	0
30	88	16	24	2	0
29	85	15	19	1	0
28	81	14	15		
27	78	13	11		

Mean	21.3
Std deviation	7.1
Median	20.4
KR-21 rel	0.82
Std error/meas	2.99