

American Chemical Society Division of Chemical Education Composite Norms – 2024 Organic Chemistry Brief (OR24B)

Score	Percentile
45	100
44	100
43	100
42	100
41	100
40	100
39	100
38	99
37	98
36	96
35	92
34	89
33	84
32	81
31	76
30	71
29	67
28	63
27	58
26	52
25	46
24	42
23	37
22	33
21	29

Score	Percentile
20	25
19	20
18	16
17	12
16	10
15	6
14	4
13	3
12	2
11	1
10	0
9	0
8	0
7	0
6	0
5	0
4	0
3	0
2	0
1	0
0	0

Mean	24.9
Std. deviation	6.7
Median	25
KR-21 reliability	0.77
Std error/meas	3.2

OR24B Norm

based on the scores of 2397 students from 53 different institutions

