

American Chemical Society
Division of Chemical Education
Composite Norms
Toledo Examination 2009

| <u>Score</u> | <u>Percentile</u> | <u>Score</u> | <u>Percentile</u> | <u>Score</u> | <u>Percentile</u> |
|--------------|-------------------|--------------|-------------------|--------------|-------------------|
| 60 | 100 | 40 | 83 | 20 | 5 |
| 59 | 100 | 39 | 80 | 19 | 4 |
| 58 | 100 | 38 | 77 | 18 | 3 |
| 57 | 100 | 37 | 73 | 17 | 2 |
| 56 | 100 | 36 | 68 | 16 | 1 |
| 55 | 100 | 35 | 64 | 15 | 1 |
| 54 | 100 | 34 | 59 | 14 | 1 |
| 53 | 100 | 33 | 55 | 13 | 0 |
| 52 | 99 | 32 | 50 | 12 | 0 |
| 51 | 99 | 31 | 44 | 11 | 0 |
| 50 | 99 | 30 | 39 | 10 | 0 |
| 49 | 98 | 29 | 34 | 9 | 0 |
| 48 | 98 | 28 | 29 | 8 | 0 |
| 47 | 97 | 27 | 25 | 7 | 0 |
| 46 | 96 | 26 | 21 | 6 | 0 |
| 45 | 94 | 25 | 18 | 5 | 0 |
| 44 | 92 | 24 | 14 | 4 | 0 |
| 43 | 90 | 23 | 12 | 3 | 0 |
| 42 | 88 | 22 | 9 | 2 | 0 |
| 41 | 85 | 21 | 7 | 1 | 0 |

| | |
|-------------------|-------|
| Mean | 32.38 |
| Std deviation | 7.80 |
| Median | 31.6 |
| KR-21 Reliability | 0.77 |
| Std error/meas | 3.76 |