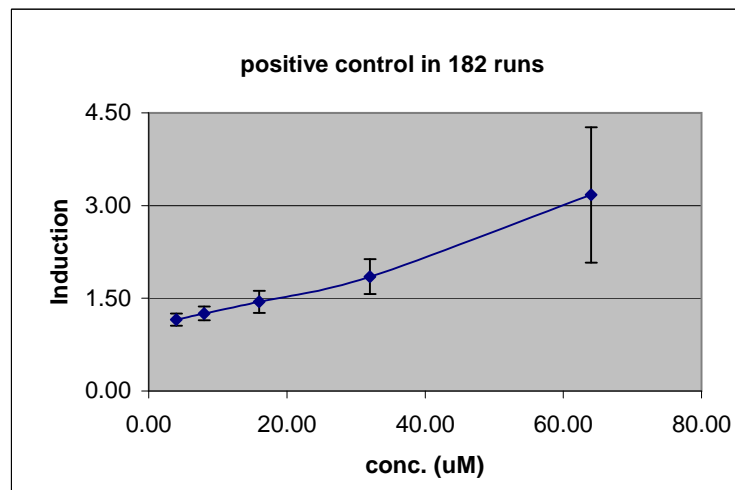


Positive control cinnamic aldehyde data Givaudan

| Summary statistics | | | | | |
|--------------------------|---------------------------|--------------------------|---|------------------------|--------------------------------------|
| | Positive control positive | Criteria EC 1.5: 7 30 uM | Criteria Induction 64 microM : 2 - 8 fold | One Criteria fulfilled | Criteria variation control below 20% |
| Number of runs TRUE | 188 | 168 | 171 | 177 | 179 |
| Number of runs FALSE | 0 | 20 | 17 | 11 | 9 |
| Number of runs evaluated | 188 | 188 | 188 | 188 | 188 |

Statistics excluding the 8 runs marked yellow

| | 4.00 | 8.00 | 16.00 | 32.00 | 64.00 | EC 1.5 |
|--------|------|------|-------|-------|-------|--------|
| AVG | 1.15 | 1.25 | 1.44 | 1.85 | 3.17 | 19.96 |
| STDEV | 0.10 | 0.11 | 0.18 | 0.28 | 1.10 | 6.63 |
| Median | 1.16 | 1.26 | 1.42 | 1.82 | 2.82 | 19.57 |



Note: Two testing phases with 6 runs were clearly out of the range: these are marked yellow below and excluded from summary graph

Criteria lmax: 2 - 8

| | | Induction | | | | | Criteria max: 2 - 6 | | | | |
|----------------------|------|-----------|------|-------|-------|-------|---------------------|----------------|------------|----------------------|--------------|
| Name of run | | 4.00 | 8.00 | 16.00 | 32.00 | 64.00 | EC 1.5 | EC 1.5: 7 - 30 | | % standard deviation | |
| | | | | | | | | EC 1.5 | Ind. 64 uM | blanks | |
| Internal chemicals11 | rep1 | 1.06 | 1.30 | 1.54 | 1.73 | 2.87 | 12.85 | TRUE | TRUE | 10.05 | ACCEPTED |
| | rep2 | 1.03 | 1.25 | 1.37 | 1.83 | 3.41 | 20.42 | TRUE | TRUE | 10.29 | ACCEPTED |
| Internal chemicals12 | rep1 | 1.05 | 1.17 | 1.35 | 1.82 | 2.65 | 20.99 | TRUE | TRUE | 10.33 | ACCEPTED |
| | rep2 | 1.12 | 1.27 | 1.38 | 1.75 | 2.55 | 21.08 | TRUE | TRUE | 12.80 | ACCEPTED |
| Internal chemicals13 | rep1 | 1.25 | 1.12 | 1.39 | 1.81 | 2.75 | 20.30 | TRUE | TRUE | 4.91 | ACCEPTED |
| | rep2 | 1.13 | 1.21 | 1.45 | 1.62 | 2.67 | 20.43 | TRUE | TRUE | 9.73 | ACCEPTED |
| Internal chemicals14 | rep1 | 1.08 | 1.14 | 1.19 | 1.61 | 2.17 | 27.77 | TRUE | TRUE | 12.05 | ACCEPTED |
| | rep2 | 1.14 | 1.30 | 1.49 | 1.66 | 2.46 | 16.95 | TRUE | TRUE | 7.78 | ACCEPTED |
| Internal chemicals15 | rep1 | 1.04 | 1.24 | 1.31 | 1.73 | 2.68 | 23.28 | TRUE | TRUE | 4.74 | ACCEPTED |
| | rep2 | 1.27 | 1.16 | 1.62 | 1.83 | 2.78 | 13.95 | TRUE | TRUE | 5.30 | ACCEPTED |
| Internal chemicals16 | rep1 | 1.13 | 1.13 | 1.39 | 1.85 | 3.13 | 19.92 | TRUE | TRUE | 8.57 | ACCEPTED |
| | rep2 | 1.28 | 1.35 | 1.56 | 1.82 | 2.67 | 13.74 | TRUE | TRUE | 8.46 | ACCEPTED |
| Internal chemicals17 | rep1 | 1.12 | 1.23 | 1.49 | 2.32 | 6.03 | 16.24 | TRUE | TRUE | 22.44 | NOT ACCEPTED |
| | rep2 | 1.22 | 1.31 | 1.34 | 1.60 | 2.57 | 25.69 | TRUE | TRUE | 17.82 | ACCEPTED |
| Internal chemicals18 | rep1 | 1.22 | 1.28 | 1.39 | 2.27 | 4.09 | 17.99 | TRUE | TRUE | 9.13 | ACCEPTED |
| | rep2 | 1.14 | 1.27 | 1.30 | 1.53 | 2.30 | 30.01 | TRUE | TRUE | 9.95 | ACCEPTED |
| Internal chemicals19 | rep1 | 1.16 | 1.28 | 1.51 | 1.87 | 2.92 | 15.71 | TRUE | TRUE | 10.44 | ACCEPTED |
| | rep2 | 1.27 | 1.57 | 2.05 | 3.10 | 8.97 | 7.12 | TRUE | FALSE | 10.49 | ACCEPTED |
| Internal chemicals20 | rep1 | 1.10 | 1.36 | 1.43 | 1.93 | 3.32 | 18.24 | TRUE | TRUE | 10.73 | ACCEPTED |
| | rep2 | 1.18 | 1.58 | 2.01 | 2.74 | 5.52 | 7.19 | TRUE | TRUE | 11.35 | ACCEPTED |
| RING STUDY 1 | rep1 | 1.14 | 1.48 | 1.72 | 2.22 | 5.18 | 8.77 | TRUE | TRUE | 13.42 | ACCEPTED |
| | rep2 | 1.25 | 1.34 | 1.52 | 2.00 | 3.31 | 15.11 | TRUE | TRUE | 8.82 | ACCEPTED |
| | rep3 | 1.16 | 1.43 | 1.52 | 2.27 | 3.91 | 14.02 | TRUE | TRUE | 17.67 | ACCEPTED |
| RING STUDY 2 | rep1 | 1.24 | 1.40 | 1.60 | 2.17 | 4.83 | 12.01 | TRUE | TRUE | 13.11 | ACCEPTED |
| | rep2 | 1.10 | 1.05 | 1.91 | 2.16 | 4.55 | 12.18 | TRUE | TRUE | 14.06 | ACCEPTED |
| | rep3 | 1.23 | 1.33 | 1.72 | 2.26 | 4.46 | 11.47 | TRUE | TRUE | 10.29 | ACCEPTED |
| RING STUDY 3 | rep1 | 1.35 | 1.53 | 1.73 | 2.45 | 5.77 | 7.29 | TRUE | TRUE | 16.32 | ACCEPTED |
| | rep2 | 1.20 | 1.39 | 1.68 | 2.24 | 4.02 | 10.67 | TRUE | TRUE | 9.91 | ACCEPTED |
| | rep3 | 1.33 | 1.53 | 1.61 | 2.34 | 4.27 | 7.38 | TRUE | TRUE | 13.08 | ACCEPTED |
| RING STUDY 4 | rep1 | 1.25 | 1.38 | 1.65 | 2.06 | 4.02 | 11.65 | TRUE | TRUE | 9.54 | ACCEPTED |

| | | | | | | | | | | | | |
|----------------------|------|------|------|------|-------|-------|-------|-------|-------|--|-------|--------------|
| | rep2 | 1.03 | 1.37 | 1.51 | 1.87 | 3.88 | 15.67 | TRUE | TRUE | | 14.03 | ACCEPTED |
| | rep3 | 1.22 | 1.29 | 1.59 | 2.25 | 3.81 | 13.53 | TRUE | TRUE | | 11.29 | ACCEPTED |
| Internal chemicals22 | rep1 | 1.17 | 1.19 | 1.42 | 1.87 | 2.61 | 18.88 | TRUE | TRUE | | 8.12 | ACCEPTED |
| | rep2 | 1.22 | 1.33 | 1.51 | 1.95 | 3.11 | 15.62 | TRUE | TRUE | | 7.75 | ACCEPTED |
| Internal chemicals23 | rep1 | 1.12 | 1.13 | 1.27 | 1.47 | 2.12 | 33.28 | FALSE | TRUE | | 6.20 | ACCEPTED |
| | rep2 | 1.22 | 1.24 | 1.35 | 1.61 | 2.31 | 25.22 | TRUE | TRUE | | 9.10 | ACCEPTED |
| Internal chemicals24 | rep1 | 1.12 | 1.31 | 1.55 | 1.91 | 3.92 | 14.20 | TRUE | TRUE | | 6.08 | ACCEPTED |
| | rep2 | 1.15 | 1.31 | 1.28 | 1.73 | 3.36 | 23.81 | TRUE | TRUE | | 8.68 | ACCEPTED |
| Internal chemicals25 | rep1 | 1.12 | 1.17 | 1.38 | 1.85 | 2.36 | 20.07 | TRUE | TRUE | | 8.75 | ACCEPTED |
| Internal chemicals26 | rep1 | 1.19 | 1.27 | 1.61 | 2.19 | 2.82 | 13.49 | TRUE | TRUE | | 10.40 | ACCEPTED |
| Internal chemicals27 | rep1 | 1.10 | 1.30 | 1.32 | 1.62 | 2.80 | 25.71 | TRUE | TRUE | | 6.00 | ACCEPTED |
| Internal chemicals28 | rep1 | 1.24 | 1.12 | 1.34 | 1.66 | 2.24 | 24.08 | TRUE | TRUE | | 6.72 | ACCEPTED |
| | rep2 | 1.23 | 1.28 | 1.50 | 1.94 | 4.34 | 15.98 | TRUE | TRUE | | 9.79 | ACCEPTED |
| Internal chemicals29 | rep1 | 1.27 | 1.31 | 1.53 | 2.19 | 3.59 | 15.00 | TRUE | TRUE | | 12.34 | ACCEPTED |
| | rep2 | 1.29 | 1.27 | 1.58 | 2.68 | 7.81 | 14.87 | TRUE | TRUE | | 14.56 | ACCEPTED |
| Internal chemicals30 | rep1 | 1.14 | 1.18 | 1.42 | 2.15 | 6.91 | 17.77 | TRUE | TRUE | | 10.86 | ACCEPTED |
| | rep2 | 1.25 | 1.36 | 1.64 | 2.68 | 6.68 | 22.53 | TRUE | TRUE | | 12.95 | ACCEPTED |
| Internal chemicals31 | rep1 | 1.20 | 1.33 | 1.63 | 2.07 | 4.31 | 15.00 | TRUE | TRUE | | 13.43 | ACCEPTED |
| Internal chemicals32 | rep1 | 1.08 | 1.29 | 1.57 | 2.02 | 3.62 | 13.42 | TRUE | TRUE | | 16.62 | ACCEPTED |
| | rep2 | 1.10 | 1.19 | 1.37 | 1.64 | 2.48 | 23.91 | TRUE | TRUE | | 10.00 | ACCEPTED |
| Internal chemicals33 | rep1 | 1.14 | 1.05 | 1.39 | 2.02 | 4.20 | 18.77 | TRUE | TRUE | | 11.47 | ACCEPTED |
| | rep2 | 1.22 | 1.12 | 1.29 | 1.67 | 3.09 | 24.83 | TRUE | TRUE | | 6.02 | ACCEPTED |
| Internal chemicals34 | rep1 | 1.19 | 1.31 | 1.50 | 2.03 | 4.33 | 16.11 | TRUE | TRUE | | 12.25 | ACCEPTED |
| | rep2 | 1.09 | 1.06 | 1.35 | 1.66 | 3.15 | 23.72 | TRUE | TRUE | | 11.65 | ACCEPTED |
| Internal chemicals35 | rep1 | 1.06 | 1.27 | 1.45 | 1.87 | 2.70 | 17.94 | TRUE | TRUE | | 13.51 | ACCEPTED |
| | rep2 | 1.18 | 1.03 | 1.40 | 1.68 | 2.52 | 25.14 | TRUE | TRUE | | 19.34 | ACCEPTED |
| Internal chemicals36 | rep1 | 1.25 | 1.32 | 1.47 | 1.98 | 3.41 | 16.81 | TRUE | TRUE | | 21.52 | NOT ACCEPTED |
| | rep2 | 0.99 | 0.99 | 0.87 | 1.46 | 1.99 | 34.64 | FALSE | FALSE | | 15.99 | ACCEPTED |
| Internal chemicals37 | rep1 | 0.97 | 1.14 | 1.13 | 1.67 | 2.56 | 27.05 | TRUE | TRUE | | 10.43 | ACCEPTED |
| | rep2 | 0.98 | 1.10 | 1.25 | 1.29 | 1.96 | 42.21 | FALSE | FALSE | | 15.79 | ACCEPTED |
| Internal chemicals38 | rep1 | 1.10 | 1.11 | 1.17 | 1.60 | 2.62 | 28.16 | TRUE | TRUE | | 9.48 | ACCEPTED |
| | rep2 | 1.27 | 1.21 | 1.35 | 2.01 | 3.31 | 19.70 | TRUE | TRUE | | 14.58 | ACCEPTED |
| Internal chemicals39 | rep1 | 1.23 | 1.14 | 1.55 | 1.76 | 3.89 | 15.11 | TRUE | TRUE | | 8.10 | ACCEPTED |
| | rep2 | 1.14 | 1.31 | 1.47 | 2.03 | 3.44 | 16.87 | TRUE | TRUE | | 13.84 | ACCEPTED |
| Internal chemicals40 | rep1 | 1.18 | 1.40 | 1.55 | 2.27 | 3.84 | 16.43 | TRUE | TRUE | | 19.29 | ACCEPTED |
| | rep2 | 1.17 | 1.25 | 1.62 | 1.72 | 4.18 | 13.37 | TRUE | TRUE | | 10.32 | ACCEPTED |
| Internal chemicals41 | rep1 | 2.80 | 2.22 | 5.76 | 27.04 | 11.75 | <4 | FALSE | FALSE | | 11.56 | ACCEPTED |
| | rep2 | 3.34 | 3.91 | 6.25 | 23.02 | 11.64 | <4 | FALSE | FALSE | | 18.51 | ACCEPTED |
| Internal chemicals42 | rep1 | 2.43 | 2.91 | 4.65 | 21.74 | 14.26 | <4 | FALSE | FALSE | | 13.92 | ACCEPTED |
| | rep2 | 2.21 | 2.66 | 4.33 | 11.25 | 16.40 | <4 | FALSE | FALSE | | 15.17 | ACCEPTED |
| Internal chemicals43 | rep1 | 1.14 | 1.26 | 1.58 | 2.12 | 2.81 | 13.76 | TRUE | TRUE | | 23.16 | NOT ACCEPTED |
| | rep2 | 1.35 | 1.23 | 1.71 | 2.61 | 5.84 | 12.00 | TRUE | TRUE | | 22.72 | NOT ACCEPTED |
| Internal chemicals44 | rep1 | 1.23 | 1.38 | 1.52 | 1.95 | 3.07 | 14.82 | TRUE | TRUE | | 9.14 | ACCEPTED |
| | rep2 | 1.28 | 1.10 | 1.68 | 2.03 | 5.22 | 13.53 | TRUE | TRUE | | 8.19 | ACCEPTED |
| Internal chemicals45 | rep1 | 1.08 | 1.22 | 1.33 | 1.78 | 2.56 | 22.16 | TRUE | TRUE | | 13.07 | ACCEPTED |
| | rep2 | 1.20 | 1.15 | 1.00 | 1.92 | 3.83 | 25.03 | TRUE | TRUE | | 12.79 | ACCEPTED |
| Internal chemicals46 | rep1 | 1.08 | 1.28 | 1.33 | 1.73 | 2.51 | 22.96 | TRUE | TRUE | | 13.13 | ACCEPTED |
| | rep2 | 1.19 | 1.00 | 1.02 | 1.62 | 4.06 | 28.74 | TRUE | TRUE | | 20.93 | NOT ACCEPTED |
| Internal chemicals47 | rep1 | 1.17 | 1.25 | 1.62 | 1.72 | 4.18 | 13.37 | TRUE | TRUE | | 10.32 | ACCEPTED |
| Internal chemicals48 | rep1 | 1.06 | 1.42 | 1.37 | 2.02 | 3.69 | 19.12 | TRUE | TRUE | | 8.31 | ACCEPTED |
| | rep2 | 1.11 | 1.38 | 1.37 | 1.86 | 2.91 | 20.27 | TRUE | TRUE | | 11.12 | ACCEPTED |
| Internal chemicals49 | rep1 | 1.10 | 1.39 | 1.39 | 2.17 | 3.62 | 18.27 | TRUE | TRUE | | 17.46 | ACCEPTED |
| | rep2 | 1.14 | 1.22 | 1.40 | 1.88 | 2.63 | 19.25 | TRUE | TRUE | | 8.22 | ACCEPTED |
| Internal chemicals50 | rep1 | 1.28 | 1.26 | 1.32 | 1.89 | 2.68 | 21.05 | TRUE | TRUE | | 8.77 | ACCEPTED |

| | | | | | | | | | | | | |
|----------------------|------|------|------|------|------|------|-------|-------|-------|--|-------|--------------|
| | rep2 | 1.06 | 1.19 | 1.34 | 1.58 | 2.58 | 26.61 | TRUE | TRUE | | 10.65 | ACCEPTED |
| Internal chemicals51 | rep1 | 1.30 | 1.35 | 1.45 | 1.94 | 2.86 | 17.58 | TRUE | TRUE | | 9.09 | ACCEPTED |
| | rep2 | 1.04 | 1.36 | 1.30 | 1.93 | 2.88 | 21.03 | TRUE | TRUE | | 25.56 | NOT ACCEPTED |
| Internal chemicals52 | rep1 | 1.18 | 1.15 | 1.32 | 1.48 | 2.17 | 32.74 | FALSE | TRUE | | 6.87 | ACCEPTED |
| | rep2 | 1.01 | 1.26 | 1.60 | 1.89 | 3.28 | 13.67 | TRUE | TRUE | | 7.52 | ACCEPTED |
| Internal chemicals53 | rep1 | 1.05 | 1.14 | 1.35 | 1.65 | 2.44 | 24.01 | TRUE | TRUE | | 10.31 | ACCEPTED |
| | rep2 | 1.19 | 1.37 | 1.60 | 2.08 | 4.16 | 12.57 | TRUE | TRUE | | 9.25 | ACCEPTED |
| Internal chemicals54 | rep1 | 1.30 | 1.33 | 1.56 | 1.95 | 4.12 | 13.80 | TRUE | TRUE | | 5.56 | ACCEPTED |
| | rep2 | 1.17 | 1.20 | 1.59 | 1.82 | 2.91 | 14.12 | TRUE | TRUE | | 10.63 | ACCEPTED |
| Internal chemicals55 | rep1 | 1.25 | 1.15 | 1.23 | 1.51 | 3.43 | 31.64 | FALSE | TRUE | | 6.57 | ACCEPTED |
| | rep2 | 1.02 | 1.17 | 1.31 | 1.60 | 2.71 | 26.47 | TRUE | TRUE | | 12.22 | ACCEPTED |
| Internal chemicals56 | rep1 | 1.17 | 1.33 | 1.36 | 1.89 | 2.76 | 20.32 | TRUE | TRUE | | 7.31 | ACCEPTED |
| | rep2 | 1.17 | 1.42 | 1.59 | 2.11 | 3.88 | 11.65 | TRUE | TRUE | | 7.58 | ACCEPTED |
| Internal chemicals57 | rep1 | 1.33 | 1.58 | 2.16 | 2.75 | 5.32 | 6.68 | FALSE | TRUE | | 9.13 | ACCEPTED |
| | rep2 | 1.27 | 1.35 | 1.50 | 1.82 | 3.46 | 15.87 | TRUE | TRUE | | 6.09 | ACCEPTED |
| | rep3 | 1.34 | 1.37 | 1.47 | 1.97 | 3.15 | 16.92 | TRUE | TRUE | | 14.31 | ACCEPTED |
| Internal chemicals58 | rep1 | 1.20 | 1.27 | 1.46 | 1.94 | 3.88 | 17.40 | TRUE | TRUE | | 5.53 | ACCEPTED |
| | rep2 | 1.30 | 1.27 | 1.30 | 1.80 | 3.41 | 22.35 | TRUE | TRUE | | 8.28 | ACCEPTED |
| | rep3 | 1.28 | 1.32 | 1.45 | 1.88 | 3.58 | 17.73 | TRUE | TRUE | | 12.92 | ACCEPTED |
| Internal chemicals59 | rep1 | 1.36 | 1.33 | 1.57 | 2.08 | 3.54 | 13.68 | TRUE | TRUE | | 10.81 | ACCEPTED |
| | rep2 | 1.03 | 1.22 | 1.29 | 1.56 | 2.23 | 28.24 | TRUE | TRUE | | 11.51 | ACCEPTED |
| Internal chemicals60 | rep1 | 1.15 | 1.30 | 1.43 | 1.90 | 3.25 | 18.30 | TRUE | TRUE | | 9.82 | ACCEPTED |
| | rep2 | 1.09 | 1.21 | 1.30 | 1.59 | 1.97 | 27.19 | TRUE | FALSE | | 4.72 | ACCEPTED |
| Internal chemicals61 | rep1 | 0.93 | 1.27 | 1.33 | 1.71 | 3.84 | 23.17 | TRUE | TRUE | | 14.09 | ACCEPTED |
| | rep2 | 1.17 | 1.26 | 1.49 | 1.93 | 2.77 | 16.22 | TRUE | TRUE | | 10.29 | ACCEPTED |
| | rep3 | 1.10 | 1.26 | 1.40 | 1.68 | 2.47 | 21.63 | TRUE | TRUE | | 7.77 | ACCEPTED |
| Internal chemicals62 | rep1 | 1.00 | 1.14 | 1.24 | 1.47 | 1.86 | 34.22 | FALSE | FALSE | | 4.67 | ACCEPTED |
| | rep2 | 1.22 | 1.35 | 1.54 | 1.85 | 2.71 | 14.26 | TRUE | TRUE | | 9.28 | ACCEPTED |
| Internal chemicals63 | rep1 | 1.04 | 1.10 | 1.22 | 1.46 | 1.86 | 35.05 | FALSE | FALSE | | 7.84 | ACCEPTED |
| | rep2 | 0.98 | 1.18 | 1.32 | 1.71 | 2.47 | 23.53 | TRUE | TRUE | | 9.40 | ACCEPTED |
| Internal chemicals64 | rep1 | 1.14 | 1.03 | 1.13 | 1.35 | 1.76 | 43.92 | FALSE | FALSE | | 6.11 | ACCEPTED |
| | rep2 | 1.09 | 1.31 | 1.43 | 1.76 | 2.68 | 19.51 | TRUE | TRUE | | 10.30 | ACCEPTED |
| Internal chemicals65 | rep1 | 1.16 | 1.35 | 1.45 | 1.90 | 3.13 | 17.68 | TRUE | TRUE | | 10.63 | ACCEPTED |
| | rep2 | 1.19 | 1.33 | 1.71 | 2.09 | 3.22 | 11.54 | TRUE | TRUE | | 7.71 | ACCEPTED |
| Internal chemicals66 | rep1 | 1.19 | 0.95 | 1.38 | 1.76 | 2.42 | 21.05 | TRUE | TRUE | | 6.51 | ACCEPTED |
| | rep2 | 1.26 | 1.26 | 1.51 | 1.93 | 4.85 | 15.80 | TRUE | TRUE | | 15.28 | ACCEPTED |
| Internal chemicals67 | rep1 | 1.21 | 1.19 | 1.20 | 1.64 | 2.14 | 26.90 | TRUE | TRUE | | 5.13 | ACCEPTED |
| | rep2 | 1.10 | 1.24 | 1.31 | 1.77 | 2.32 | 22.57 | TRUE | TRUE | | 8.31 | ACCEPTED |
| Internal chemicals68 | rep1 | 1.23 | 1.17 | 1.41 | 1.57 | 2.45 | 25.04 | TRUE | TRUE | | 8.76 | ACCEPTED |
| | rep2 | 1.25 | 1.20 | 1.37 | 1.58 | 2.35 | 25.75 | TRUE | TRUE | | 10.95 | ACCEPTED |
| Internal chemicals69 | rep1 | 1.20 | 1.20 | 1.46 | 1.93 | 3.30 | 17.41 | TRUE | TRUE | | 8.00 | ACCEPTED |
| Internal chemicals70 | rep1 | 1.27 | 1.28 | 1.60 | 1.95 | 3.88 | 13.50 | TRUE | TRUE | | 11.15 | ACCEPTED |
| Internal chemicals71 | rep1 | 1.19 | 1.22 | 1.48 | 1.84 | 2.83 | 16.85 | TRUE | TRUE | | 8.89 | ACCEPTED |
| | rep2 | 1.02 | 1.30 | 1.39 | 1.75 | 2.53 | 20.92 | TRUE | TRUE | | 8.21 | ACCEPTED |
| Internal chemicals72 | rep1 | 1.03 | 1.34 | 1.46 | 1.86 | 2.54 | 17.77 | TRUE | TRUE | | 3.71 | ACCEPTED |
| | rep2 | 1.09 | 1.45 | 1.55 | 1.58 | 2.10 | 12.15 | TRUE | TRUE | | 9.31 | ACCEPTED |
| Internal chemicals73 | rep1 | 1.16 | 1.18 | 1.39 | 1.78 | 2.68 | 20.60 | TRUE | TRUE | | 13.48 | ACCEPTED |
| | rep2 | 1.23 | 1.21 | 1.38 | 1.59 | 2.25 | 25.02 | TRUE | TRUE | | 9.39 | ACCEPTED |
| Internal chemicals74 | rep1 | 0.96 | 1.31 | 1.53 | 1.76 | 2.90 | 14.82 | TRUE | TRUE | | 17.46 | ACCEPTED |
| | rep2 | 1.22 | 1.57 | 2.29 | 2.48 | 3.37 | 7.16 | TRUE | TRUE | | 13.51 | ACCEPTED |
| Internal chemicals75 | rep1 | 1.27 | 1.32 | 1.41 | 1.66 | 2.57 | 21.74 | TRUE | TRUE | | 20.01 | NOT ACCEPTED |
| | rep2 | 1.22 | 1.24 | 1.61 | 2.20 | 2.74 | 13.58 | TRUE | TRUE | | 21.16 | NOT ACCEPTED |
| Internal chemicals76 | rep1 | 1.07 | 1.16 | 1.30 | 1.60 | 2.00 | 26.82 | TRUE | FALSE | | 13.36 | ACCEPTED |
| | rep2 | 1.17 | 1.30 | 1.47 | 1.46 | 2.17 | 33.96 | FALSE | TRUE | | 11.77 | ACCEPTED |

| | | | | | | | | | | | | |
|-----------------------|------|------|------|------|------|------|-------|-------|-------|--|-------|--------------|
| Internal chemicals77 | rep1 | 1.04 | 1.16 | 1.18 | 1.35 | 2.00 | 39.36 | FALSE | FALSE | | 11.66 | ACCEPTED |
| | rep2 | 1.01 | 1.13 | 1.19 | 1.36 | 1.62 | 49.38 | FALSE | FALSE | | 14.33 | ACCEPTED |
| Internal chemicals78 | rep1 | 0.95 | 1.13 | 1.41 | 1.55 | 2.46 | 26.41 | TRUE | TRUE | | 11.32 | ACCEPTED |
| | rep2 | 1.11 | 1.20 | 1.36 | 1.53 | 2.15 | 28.87 | TRUE | TRUE | | 5.71 | ACCEPTED |
| Internal chemicals79 | rep1 | 1.12 | 1.23 | 1.39 | 1.59 | 2.39 | 24.71 | TRUE | TRUE | | 10.85 | ACCEPTED |
| | rep2 | 1.07 | 1.12 | 1.28 | 1.59 | 2.24 | 27.47 | TRUE | TRUE | | 11.26 | ACCEPTED |
| Internal chemicals80 | rep1 | 1.16 | 1.29 | 1.51 | 2.02 | 3.79 | 15.66 | TRUE | TRUE | | 15.84 | ACCEPTED |
| | rep2 | 1.08 | 1.21 | 1.38 | 1.58 | 2.53 | 25.74 | TRUE | TRUE | | 10.19 | ACCEPTED |
| | rep3 | 1.11 | 1.31 | 1.48 | 1.67 | 2.38 | 17.66 | TRUE | TRUE | | 8.57 | ACCEPTED |
| Internal chemicals81 | rep1 | 1.21 | 1.20 | 1.41 | 1.83 | 3.39 | 19.48 | TRUE | TRUE | | 9.37 | ACCEPTED |
| | rep2 | 1.21 | 1.27 | 1.46 | 1.72 | 3.02 | 18.38 | TRUE | TRUE | | 23.80 | NOT ACCEPTED |
| | rep3 | 1.11 | 1.22 | 1.30 | 1.56 | 2.54 | 28.25 | TRUE | TRUE | | 10.76 | ACCEPTED |
| Internal chemicals82 | rep1 | 1.27 | 1.25 | 1.42 | 1.66 | 2.39 | 21.65 | TRUE | TRUE | | 8.25 | ACCEPTED |
| | rep2 | 1.31 | 1.27 | 1.68 | 2.27 | 4.18 | 12.44 | TRUE | TRUE | | 7.16 | ACCEPTED |
| | rep3 | 1.08 | 1.18 | 1.32 | 1.51 | 2.39 | 31.61 | FALSE | TRUE | | 10.16 | ACCEPTED |
| Internal chemicals83 | rep1 | 1.14 | 1.25 | 1.50 | 1.66 | 1.91 | 16.34 | TRUE | FALSE | | 10.70 | ACCEPTED |
| | rep2 | 1.13 | 1.25 | 1.59 | 1.63 | 2.57 | 13.93 | TRUE | TRUE | | 8.98 | ACCEPTED |
| Internal chemicals84 | rep1 | 1.27 | 1.28 | 1.54 | 1.77 | 1.70 | 14.83 | TRUE | FALSE | | 13.59 | ACCEPTED |
| | rep2 | 1.20 | 1.21 | 1.43 | 1.88 | 3.42 | 18.51 | TRUE | TRUE | | 13.26 | ACCEPTED |
| Intralab study 1.1. | rep1 | 1.13 | 1.32 | 1.38 | 1.81 | 2.61 | 20.51 | TRUE | TRUE | | 6.44 | ACCEPTED |
| | rep2 | 1.18 | 1.22 | 1.33 | 1.75 | 2.31 | 22.38 | TRUE | TRUE | | 9.96 | ACCEPTED |
| | rep3 | 1.17 | 1.36 | 1.57 | 2.11 | 3.39 | 13.35 | TRUE | TRUE | | 6.83 | ACCEPTED |
| Intralab study 1.2. | rep1 | 1.12 | 1.26 | 1.43 | 1.60 | 2.65 | 22.16 | TRUE | TRUE | | 10.96 | ACCEPTED |
| | rep2 | 1.01 | 1.23 | 1.42 | 1.71 | 2.55 | 20.24 | TRUE | TRUE | | 11.63 | ACCEPTED |
| | rep3 | 1.10 | 1.35 | 1.53 | 1.72 | 2.83 | 14.56 | TRUE | TRUE | | 15.26 | ACCEPTED |
| Intralab study 1.3. | rep1 | 1.17 | 1.41 | 1.54 | 2.10 | 3.17 | 13.42 | TRUE | TRUE | | 10.51 | ACCEPTED |
| | rep2 | 1.08 | 1.27 | 1.44 | 1.65 | 2.39 | 20.58 | TRUE | TRUE | | 9.92 | ACCEPTED |
| | rep3 | 1.06 | 1.09 | 1.27 | 1.73 | 1.99 | 23.98 | TRUE | FALSE | | 12.02 | ACCEPTED |
| Intralab study 2.1. | rep1 | 1.20 | 1.11 | 1.36 | 1.64 | 2.72 | 23.85 | TRUE | TRUE | | 11.66 | ACCEPTED |
| | rep2 | 1.17 | 1.32 | 1.38 | 1.66 | 2.65 | 22.86 | TRUE | TRUE | | 11.34 | ACCEPTED |
| | rep3 | 1.33 | 1.19 | 1.51 | 2.05 | 3.78 | 15.83 | TRUE | TRUE | | 10.94 | ACCEPTED |
| Intralab study 2.2. | rep1 | 1.13 | 1.22 | 1.41 | 1.65 | 2.59 | 21.92 | TRUE | TRUE | | 6.69 | ACCEPTED |
| | rep2 | 1.10 | 1.21 | 1.50 | 1.57 | 2.69 | 30.08 | FALSE | TRUE | | 8.20 | ACCEPTED |
| | rep3 | 0.98 | 1.26 | 1.30 | 1.98 | 2.95 | 20.70 | TRUE | TRUE | | 11.25 | ACCEPTED |
| Intralab study 2.3. | rep1 | 1.17 | 1.28 | 1.56 | 2.17 | 3.05 | 14.31 | TRUE | TRUE | | 13.18 | ACCEPTED |
| | rep2 | 1.03 | 1.24 | 1.29 | 1.70 | 2.81 | 24.19 | TRUE | TRUE | | 7.84 | ACCEPTED |
| | rep3 | 0.78 | 1.29 | 1.25 | 1.54 | 2.31 | 29.74 | TRUE | TRUE | | 7.19 | ACCEPTED |
| Internal chemicals 87 | rep1 | 1.19 | 1.29 | 1.30 | 1.83 | 3.18 | 22.03 | TRUE | TRUE | | 5.80 | ACCEPTED |
| | rep2 | 1.11 | 1.16 | 1.22 | 1.65 | 2.35 | 26.42 | TRUE | TRUE | | 8.31 | ACCEPTED |
| Internal chemicals 88 | rep1 | 1.31 | 1.34 | 1.58 | 1.99 | 5.68 | 13.23 | TRUE | TRUE | | 9.01 | ACCEPTED |
| | rep2 | 1.02 | 1.14 | 1.19 | 1.54 | 2.51 | 30.23 | FALSE | TRUE | | 10.84 | ACCEPTED |
| Internal chemicals 89 | rep1 | 1.12 | 1.18 | 1.40 | 1.85 | 3.50 | 19.64 | TRUE | TRUE | | 11.51 | ACCEPTED |
| | rep2 | 1.02 | 1.02 | 1.30 | 1.60 | 2.35 | 26.76 | TRUE | TRUE | | 7.65 | ACCEPTED |
| Internal chemicals 90 | rep1 | 0.98 | 1.25 | 1.32 | 1.66 | 2.32 | 24.51 | TRUE | TRUE | | 8.63 | ACCEPTED |
| | rep2 | 1.07 | 1.23 | 1.14 | 1.62 | 2.84 | 28.06 | TRUE | TRUE | | 9.28 | ACCEPTED |
| Internal chemicals 91 | rep1 | 1.19 | 1.17 | 1.39 | 1.87 | 2.39 | 19.76 | TRUE | TRUE | | 14.77 | ACCEPTED |
| | rep2 | 1.14 | 1.21 | 1.50 | 1.73 | 2.45 | 15.92 | TRUE | TRUE | | 10.80 | ACCEPTED |
| Internal chemicals 92 | rep1 | 1.07 | 1.20 | 1.39 | 1.59 | 2.31 | 24.56 | TRUE | TRUE | | 10.42 | ACCEPTED |
| | rep2 | 1.19 | 1.25 | 1.23 | 1.52 | 2.33 | 30.80 | FALSE | TRUE | | 9.22 | ACCEPTED |
| Internal chemicals 93 | rep1 | 1.41 | 1.21 | 1.34 | 2.00 | 2.63 | 19.87 | TRUE | TRUE | | 11.76 | ACCEPTED |