|  |  |  |  | DALYs | | | | Probability of infection | | | | Dose | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Treatment type | Number of surveys | Mean LRV | Mean | 10th Percentile | 50th Percentile (Median) | 90th Percentile | Mean | 10th Percentile | 50th Percentile (Median) | 90th Percentile | Mean | 10th Percentile | 50th Percentile (Median) | 90th Percentile |
| *C. jejuni* | | | | | | | | | | | | | | | |
| Fieldwork 2021 | UV | 5 | 1.86 | 5.25 × 10^-4 | 8.83 × 10^-6 | 2.26 × 10^-4 | 1.36 × 10^-3 | 3.59 × 10^-1 | 6.21 × 10^-3 | 2.61 × 10^-1 | 9.02 × 10^-1 | 5.41 × 10^2 | 3.26 × 10^-1 | 2.23 × 10^1 | 9.96 × 10^2 |
| Fieldwork 2021 | Chemical | 17 | 2.98 | 1.47 × 10^-4 | 1.22 × 10^-6 | 2.61 × 10^-5 | 3.86 × 10^-4 | 1.04 × 10^-1 | 8.91 × 10^-4 | 1.75 × 10^-2 | 3.63 × 10^-1 | 7.66 × 10^1 | 4.64 × 10^-2 | 9.54 × 10^-1 | 5.06 × 10^1 |
| Fieldwork 2021 | Filter | 83 | 3.30 | 1.19 × 10^-4 | 5.88 × 10^-7 | 1.59 × 10^-5 | 3.51 × 10^-4 | 7.01 × 10^-2 | 4.00 × 10^-4 | 1.16 × 10^-2 | 2.25 × 10^-1 | 1.58 × 10^1 | 2.08 × 10^-2 | 6.20 × 10^-1 | 1.98 × 10^1 |
| Manufacturer claim | UV | 5 | 3.00 | 5.73 × 10^-5 | 5.52 × 10^-6 | 2.41 × 10^-5 | 1.55 × 10^-4 | 3.95 × 10^-2 | 5.01 × 10^-3 | 2.18 × 10^-2 | 9.77 × 10^-2 | 2.89 | 2.62 × 10^-1 | 1.18 | 7.01 |
| Manufacturer claim | Chemical | 17 | 6.00 | 7.98 × 10^-8 | 6.52 × 10^-9 | 2.81 × 10^-8 | 1.73 × 10^-7 | 5.77 × 10^-5 | 4.87 × 10^-6 | 2.07 × 10^-5 | 1.23 × 10^-4 | 3.00 × 10^-3 | 2.53 × 10^-4 | 1.07 × 10^-3 | 6.41 × 10^-3 |
| Manufacturer claim | Filter | 83 | 6.33 | 3.86 × 10^-7 | 8.62 × 10^-10 | 2.49 × 10^-8 | 2.08 × 10^-7 | 2.03 × 10^-4 | 6.44 × 10^-7 | 1.67 × 10^-5 | 1.18 × 10^-4 | 1.18 × 10^-2 | 3.35 × 10^-5 | 8.67 × 10^-4 | 6.12 × 10^-3 |
| Difference between field and manufacturer | UV | 5 | -1.14 | 4.68 × 10^-4 | -1.25 × 10^-5 | 2.07 × 10^-4 | 1.28 × 10^-3 | 3.20 × 10^-1 | -1.16 × 10^-2 | 2.50 × 10^-1 | 8.54 × 10^-1 | 5.38 × 10^2 | -6.71 × 10^-1 | 2.17 × 10^1 | 9.95 × 10^2 |
| Difference between field and manufacturer | Chemical | 17 | -3.02 | 1.47 × 10^-4 | 1.22 × 10^-6 | 2.61 × 10^-5 | 3.85 × 10^-4 | 1.03 × 10^-1 | 8.77 × 10^-4 | 1.75 × 10^-2 | 3.61 × 10^-1 | 7.66 × 10^1 | 4.57 × 10^-2 | 9.52 × 10^-1 | 5.06 × 10^1 |
| Difference between field and manufacturer | Filter | 83 | -3.02 | 1.18 × 10^-4 | 5.08 × 10^-7 | 1.54 × 10^-5 | 3.51 × 10^-4 | 6.99 × 10^-2 | 3.47 × 10^-4 | 1.14 × 10^-2 | 2.25 × 10^-1 | 1.58 × 10^1 | 1.81 × 10^-2 | 6.10 × 10^-1 | 1.97 × 10^1 |
| *G. lamblia* | | | | | | | | | | | | | | | |
| Fieldwork 2021 | UV | 5 | 2.67 | 1.65 × 10^-8 | 2.08 × 10^-11 | 9.44 × 10^-9 | 4.10 × 10^-8 | 2.24 × 10^-5 | 2.91 × 10^-8 | 1.39 × 10^-5 | 5.43 × 10^-5 | 1.13 × 10^-3 | 1.46 × 10^-6 | 7.00 × 10^-4 | 2.73 × 10^-3 |
| Fieldwork 2021 | Chemical | 16 | 2.68 | 2.08 × 10^-8 | 1.32 × 10^-10 | 8.29 × 10^-9 | 5.31 × 10^-8 | 2.71 × 10^-5 | 2.17 × 10^-7 | 1.11 × 10^-5 | 6.02 × 10^-5 | 1.36 × 10^-3 | 1.09 × 10^-5 | 5.57 × 10^-4 | 3.03 × 10^-3 |
| Fieldwork 2021 | Filter | 83 | 4.13 | 1.18 × 10^-8 | 3.92 × 10^-12 | 1.65 × 10^-10 | 3.64 × 10^-9 | 1.59 × 10^-5 | 5.36 × 10^-9 | 2.30 × 10^-7 | 5.22 × 10^-6 | 8.01 × 10^-4 | 2.70 × 10^-7 | 1.15 × 10^-5 | 2.62 × 10^-4 |
| Manufacturer claim | UV | 5 | 3.00 | 1.97 × 10^-9 | 9.63 × 10^-10 | 1.72 × 10^-9 | 3.33 × 10^-9 | 2.73 × 10^-6 | 1.88 × 10^-6 | 2.58 × 10^-6 | 3.83 × 10^-6 | 1.37 × 10^-4 | 9.43 × 10^-5 | 1.30 × 10^-4 | 1.92 × 10^-4 |
| Manufacturer claim | Chemical | 16 | 3.94 | 1.51 × 10^-9 | 1.45 × 10^-12 | 1.39 × 10^-9 | 3.14 × 10^-9 | 1.96 × 10^-6 | 2.13 × 10^-9 | 2.24 × 10^-6 | 3.79 × 10^-6 | 9.86 × 10^-5 | 1.07 × 10^-7 | 1.13 × 10^-4 | 1.90 × 10^-4 |
| Manufacturer claim | Filter | 83 | 3.68 | 1.66 × 10^-9 | 1.35 × 10^-12 | 1.60 × 10^-9 | 3.26 × 10^-9 | 2.15 × 10^-6 | 1.93 × 10^-9 | 2.33 × 10^-6 | 3.73 × 10^-6 | 1.08 × 10^-4 | 9.69 × 10^-8 | 1.17 × 10^-4 | 1.88 × 10^-4 |
| Difference between field and manufacturer | UV | 5 | -0.33 | 1.45 × 10^-8 | -1.81 × 10^-9 | 7.37 × 10^-9 | 3.76 × 10^-8 | 1.97 × 10^-5 | -2.88 × 10^-6 | 1.14 × 10^-5 | 5.12 × 10^-5 | 9.91 × 10^-4 | -1.45 × 10^-4 | 5.71 × 10^-4 | 2.57 × 10^-3 |
| Difference between field and manufacturer | Chemical | 16 | -1.26 | 1.93 × 10^-8 | -2.28 × 10^-9 | 6.04 × 10^-9 | 5.04 × 10^-8 | 2.52 × 10^-5 | -2.81 × 10^-6 | 9.21 × 10^-6 | 5.76 × 10^-5 | 1.27 × 10^-3 | -1.41 × 10^-4 | 4.63 × 10^-4 | 2.90 × 10^-3 |
| Difference between field and manufacturer | Filter | 83 | 0.44 | 1.01 × 10^-8 | -2.68 × 10^-9 | -9.18 × 10^-10 | 1.69 × 10^-9 | 1.38 × 10^-5 | -3.16 × 10^-6 | -1.65 × 10^-6 | 2.49 × 10^-6 | 6.93 × 10^-4 | -1.59 × 10^-4 | -8.31 × 10^-5 | 1.25 × 10^-4 |