|  |  |  |  | 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 | 6.79 × 10^-4 | 7.78 × 10^-6 | 4.34 × 10^-4 | 1.92 × 10^-3 | 3.57 × 10^-1 | 5.99 × 10^-3 | 2.07 × 10^-1 | 9.48 × 10^-1 | 7.86 × 10^2 | 3.13 × 10^-1 | 1.61 × 10^1 | 8.59 × 10^2 |
| Fieldwork 2021 | Chemical | 17 | 2.98 | 1.62 × 10^-4 | 2.00 × 10^-6 | 3.66 × 10^-5 | 5.36 × 10^-4 | 9.76 × 10^-2 | 1.40 × 10^-3 | 2.24 × 10^-2 | 2.55 × 10^-1 | 8.30 × 10^1 | 7.30 × 10^-2 | 1.21 | 2.41 × 10^1 |
| Fieldwork 2021 | Filter | 83 | 3.30 | 1.04 × 10^-4 | 6.34 × 10^-7 | 1.79 × 10^-5 | 3.11 × 10^-4 | 6.99 × 10^-2 | 5.03 × 10^-4 | 1.28 × 10^-2 | 2.26 × 10^-1 | 2.38 × 10^1 | 2.61 × 10^-2 | 6.80 × 10^-1 | 2.11 × 10^1 |
| Manufacturer claim | UV | 5 | 3.00 | 7.93 × 10^-5 | 7.43 × 10^-6 | 3.29 × 10^-5 | 2.22 × 10^-4 | 4.63 × 10^-2 | 5.57 × 10^-3 | 1.97 × 10^-2 | 1.40 × 10^-1 | 3.61 | 2.92 × 10^-1 | 1.08 | 1.22 × 10^1 |
| Manufacturer claim | Chemical | 17 | 6.00 | 8.46 × 10^-8 | 7.20 × 10^-9 | 3.80 × 10^-8 | 1.85 × 10^-7 | 5.37 × 10^-5 | 4.76 × 10^-6 | 2.33 × 10^-5 | 1.13 × 10^-4 | 2.79 × 10^-3 | 2.47 × 10^-4 | 1.21 × 10^-3 | 5.86 × 10^-3 |
| Manufacturer claim | Filter | 83 | 6.33 | 3.23 × 10^-7 | 5.79 × 10^-10 | 2.63 × 10^-8 | 2.16 × 10^-7 | 1.72 × 10^-4 | 4.32 × 10^-7 | 1.76 × 10^-5 | 1.42 × 10^-4 | 9.24 × 10^-3 | 2.24 × 10^-5 | 9.16 × 10^-4 | 7.39 × 10^-3 |
| Difference between field and manufacturer | UV | 5 | -1.14 | 6.00 × 10^-4 | -4.21 × 10^-5 | 3.88 × 10^-4 | 1.90 × 10^-3 | 3.10 × 10^-1 | -1.83 × 10^-2 | 2.02 × 10^-1 | 9.25 × 10^-1 | 7.83 × 10^2 | -1.07 | 1.47 × 10^1 | 8.58 × 10^2 |
| Difference between field and manufacturer | Chemical | 17 | -3.02 | 1.62 × 10^-4 | 1.92 × 10^-6 | 3.66 × 10^-5 | 5.35 × 10^-4 | 9.75 × 10^-2 | 1.35 × 10^-3 | 2.24 × 10^-2 | 2.55 × 10^-1 | 8.30 × 10^1 | 7.01 × 10^-2 | 1.21 | 2.41 × 10^1 |
| Difference between field and manufacturer | Filter | 83 | -3.02 | 1.04 × 10^-4 | 5.45 × 10^-7 | 1.76 × 10^-5 | 3.11 × 10^-4 | 6.97 × 10^-2 | 4.13 × 10^-4 | 1.25 × 10^-2 | 2.26 × 10^-1 | 2.38 × 10^1 | 2.15 × 10^-2 | 6.67 × 10^-1 | 2.11 × 10^1 |
| *G. lamblia* | | | | | | | | | | | | | | | |
| Fieldwork 2021 | UV | 5 | 2.67 | 1.72 × 10^-8 | 1.72 × 10^-11 | 1.02 × 10^-8 | 4.28 × 10^-8 | 2.33 × 10^-5 | 2.51 × 10^-8 | 1.57 × 10^-5 | 5.37 × 10^-5 | 1.17 × 10^-3 | 1.26 × 10^-6 | 7.91 × 10^-4 | 2.70 × 10^-3 |
| Fieldwork 2021 | Chemical | 16 | 2.68 | 2.31 × 10^-8 | 1.48 × 10^-10 | 8.01 × 10^-9 | 5.14 × 10^-8 | 2.93 × 10^-5 | 1.96 × 10^-7 | 1.17 × 10^-5 | 6.49 × 10^-5 | 1.47 × 10^-3 | 9.83 × 10^-6 | 5.87 × 10^-4 | 3.26 × 10^-3 |
| Fieldwork 2021 | Filter | 83 | 4.13 | 9.01 × 10^-9 | 4.07 × 10^-12 | 1.70 × 10^-10 | 3.91 × 10^-9 | 1.30 × 10^-5 | 5.83 × 10^-9 | 2.46 × 10^-7 | 5.28 × 10^-6 | 6.52 × 10^-4 | 2.93 × 10^-7 | 1.23 × 10^-5 | 2.66 × 10^-4 |
| Manufacturer claim | UV | 5 | 3.00 | 2.14 × 10^-9 | 1.08 × 10^-9 | 1.88 × 10^-9 | 3.46 × 10^-9 | 2.79 × 10^-6 | 1.89 × 10^-6 | 2.74 × 10^-6 | 3.73 × 10^-6 | 1.40 × 10^-4 | 9.48 × 10^-5 | 1.38 × 10^-4 | 1.87 × 10^-4 |
| Manufacturer claim | Chemical | 16 | 3.94 | 1.41 × 10^-9 | 1.78 × 10^-12 | 1.43 × 10^-9 | 3.01 × 10^-9 | 1.79 × 10^-6 | 2.42 × 10^-9 | 2.04 × 10^-6 | 3.36 × 10^-6 | 9.01 × 10^-5 | 1.22 × 10^-7 | 1.03 × 10^-4 | 1.69 × 10^-4 |
| Manufacturer claim | Filter | 83 | 3.68 | 1.69 × 10^-9 | 1.35 × 10^-12 | 1.63 × 10^-9 | 3.24 × 10^-9 | 2.26 × 10^-6 | 2.08 × 10^-9 | 2.37 × 10^-6 | 3.87 × 10^-6 | 1.13 × 10^-4 | 1.04 × 10^-7 | 1.19 × 10^-4 | 1.94 × 10^-4 |
| Difference between field and manufacturer | UV | 5 | -0.33 | 1.50 × 10^-8 | -1.78 × 10^-9 | 8.18 × 10^-9 | 3.94 × 10^-8 | 2.05 × 10^-5 | -2.55 × 10^-6 | 1.25 × 10^-5 | 5.11 × 10^-5 | 1.03 × 10^-3 | -1.28 × 10^-4 | 6.29 × 10^-4 | 2.57 × 10^-3 |
| Difference between field and manufacturer | Chemical | 16 | -1.26 | 2.17 × 10^-8 | -1.93 × 10^-9 | 5.85 × 10^-9 | 5.14 × 10^-8 | 2.75 × 10^-5 | -2.17 × 10^-6 | 9.40 × 10^-6 | 6.35 × 10^-5 | 1.38 × 10^-3 | -1.09 × 10^-4 | 4.72 × 10^-4 | 3.19 × 10^-3 |
| Difference between field and manufacturer | Filter | 83 | 0.44 | 7.32 × 10^-9 | -2.82 × 10^-9 | -1.01 × 10^-9 | 2.15 × 10^-9 | 1.07 × 10^-5 | -3.47 × 10^-6 | -1.70 × 10^-6 | 2.99 × 10^-6 | 5.39 × 10^-4 | -1.74 × 10^-4 | -8.53 × 10^-5 | 1.50 × 10^-4 |