|  |  |  |  | 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 | 5.69 × 10^-4 | 8.17 × 10^-6 | 3.24 × 10^-4 | 1.60 × 10^-3 | 3.55 × 10^-1 | 6.02 × 10^-3 | 2.52 × 10^-1 | 9.39 × 10^-1 | 8.23 × 10^2 | 3.16 × 10^-1 | 2.20 × 10^1 | 1.43 × 10^3 |
| Fieldwork 2021 | Chemical | 17 | 2.98 | 1.74 × 10^-4 | 1.56 × 10^-6 | 3.05 × 10^-5 | 5.31 × 10^-4 | 1.08 × 10^-1 | 1.15 × 10^-3 | 2.09 × 10^-2 | 3.72 × 10^-1 | 8.61 × 10^1 | 6.01 × 10^-2 | 1.14 | 5.21 × 10^1 |
| Fieldwork 2021 | Filter | 83 | 3.30 | 1.17 × 10^-4 | 5.75 × 10^-7 | 1.74 × 10^-5 | 3.50 × 10^-4 | 7.25 × 10^-2 | 4.15 × 10^-4 | 1.20 × 10^-2 | 2.30 × 10^-1 | 2.60 × 10^1 | 2.16 × 10^-2 | 6.40 × 10^-1 | 2.21 × 10^1 |
| Manufacturer claim | UV | 5 | 3.00 | 7.02 × 10^-5 | 6.19 × 10^-6 | 3.46 × 10^-5 | 1.73 × 10^-4 | 4.37 × 10^-2 | 4.79 × 10^-3 | 2.38 × 10^-2 | 1.08 × 10^-1 | 3.93 | 2.51 × 10^-1 | 1.30 | 7.71 |
| Manufacturer claim | Chemical | 17 | 6.00 | 1.22 × 10^-7 | 6.32 × 10^-9 | 3.65 × 10^-8 | 2.38 × 10^-7 | 7.56 × 10^-5 | 4.81 × 10^-6 | 2.50 × 10^-5 | 1.48 × 10^-4 | 3.96 × 10^-3 | 2.50 × 10^-4 | 1.30 × 10^-3 | 7.68 × 10^-3 |
| Manufacturer claim | Filter | 83 | 6.33 | 2.25 × 10^-7 | 7.61 × 10^-10 | 2.47 × 10^-8 | 2.15 × 10^-7 | 1.40 × 10^-4 | 5.35 × 10^-7 | 1.72 × 10^-5 | 1.34 × 10^-4 | 8.25 × 10^-3 | 2.78 × 10^-5 | 8.92 × 10^-4 | 6.96 × 10^-3 |
| Difference between field and manufacturer | UV | 5 | -1.14 | 4.99 × 10^-4 | -3.16 × 10^-5 | 2.88 × 10^-4 | 1.46 × 10^-3 | 3.11 × 10^-1 | -2.09 × 10^-2 | 2.37 × 10^-1 | 8.94 × 10^-1 | 8.19 × 10^2 | -1.34 | 2.03 × 10^1 | 1.42 × 10^3 |
| Difference between field and manufacturer | Chemical | 17 | -3.02 | 1.74 × 10^-4 | 1.54 × 10^-6 | 3.04 × 10^-5 | 5.30 × 10^-4 | 1.08 × 10^-1 | 1.13 × 10^-3 | 2.09 × 10^-2 | 3.72 × 10^-1 | 8.61 × 10^1 | 5.89 × 10^-2 | 1.14 | 5.21 × 10^1 |
| Difference between field and manufacturer | Filter | 83 | -3.02 | 1.17 × 10^-4 | 4.87 × 10^-7 | 1.73 × 10^-5 | 3.50 × 10^-4 | 7.23 × 10^-2 | 3.53 × 10^-4 | 1.19 × 10^-2 | 2.30 × 10^-1 | 2.60 × 10^1 | 1.83 × 10^-2 | 6.35 × 10^-1 | 2.20 × 10^1 |
| *G. lamblia* | | | | | | | | | | | | | | | |
| Fieldwork 2021 | UV | 5 | 2.67 | 1.78 × 10^-8 | 1.89 × 10^-11 | 1.13 × 10^-8 | 4.44 × 10^-8 | 2.33 × 10^-5 | 2.50 × 10^-8 | 1.49 × 10^-5 | 5.59 × 10^-5 | 1.17 × 10^-3 | 1.25 × 10^-6 | 7.50 × 10^-4 | 2.81 × 10^-3 |
| Fieldwork 2021 | Chemical | 16 | 2.68 | 2.31 × 10^-8 | 1.48 × 10^-10 | 7.42 × 10^-9 | 5.79 × 10^-8 | 3.02 × 10^-5 | 2.23 × 10^-7 | 1.10 × 10^-5 | 6.98 × 10^-5 | 1.52 × 10^-3 | 1.12 × 10^-5 | 5.51 × 10^-4 | 3.51 × 10^-3 |
| Fieldwork 2021 | Filter | 83 | 4.13 | 1.10 × 10^-8 | 3.98 × 10^-12 | 1.74 × 10^-10 | 3.87 × 10^-9 | 1.44 × 10^-5 | 5.41 × 10^-9 | 2.39 × 10^-7 | 5.24 × 10^-6 | 7.22 × 10^-4 | 2.72 × 10^-7 | 1.20 × 10^-5 | 2.63 × 10^-4 |
| Manufacturer claim | UV | 5 | 3.00 | 2.16 × 10^-9 | 1.03 × 10^-9 | 1.97 × 10^-9 | 3.53 × 10^-9 | 2.82 × 10^-6 | 1.83 × 10^-6 | 2.61 × 10^-6 | 4.06 × 10^-6 | 1.42 × 10^-4 | 9.22 × 10^-5 | 1.31 × 10^-4 | 2.04 × 10^-4 |
| Manufacturer claim | Chemical | 16 | 3.94 | 1.49 × 10^-9 | 1.57 × 10^-12 | 1.45 × 10^-9 | 3.17 × 10^-9 | 1.94 × 10^-6 | 2.28 × 10^-9 | 2.19 × 10^-6 | 3.74 × 10^-6 | 9.77 × 10^-5 | 1.15 × 10^-7 | 1.10 × 10^-4 | 1.88 × 10^-4 |
| Manufacturer claim | Filter | 83 | 3.68 | 1.70 × 10^-9 | 1.26 × 10^-12 | 1.65 × 10^-9 | 3.29 × 10^-9 | 2.22 × 10^-6 | 2.03 × 10^-9 | 2.35 × 10^-6 | 3.85 × 10^-6 | 1.12 × 10^-4 | 1.02 × 10^-7 | 1.18 × 10^-4 | 1.94 × 10^-4 |
| Difference between field and manufacturer | UV | 5 | -0.33 | 1.57 × 10^-8 | -1.96 × 10^-9 | 9.05 × 10^-9 | 4.17 × 10^-8 | 2.05 × 10^-5 | -2.59 × 10^-6 | 1.19 × 10^-5 | 5.27 × 10^-5 | 1.03 × 10^-3 | -1.30 × 10^-4 | 5.98 × 10^-4 | 2.65 × 10^-3 |
| Difference between field and manufacturer | Chemical | 16 | -1.26 | 2.16 × 10^-8 | -2.02 × 10^-9 | 5.70 × 10^-9 | 5.65 × 10^-8 | 2.82 × 10^-5 | -2.57 × 10^-6 | 8.66 × 10^-6 | 6.80 × 10^-5 | 1.42 × 10^-3 | -1.29 × 10^-4 | 4.35 × 10^-4 | 3.42 × 10^-3 |
| Difference between field and manufacturer | Filter | 83 | 0.44 | 9.29 × 10^-9 | -2.78 × 10^-9 | -1.02 × 10^-9 | 1.90 × 10^-9 | 1.21 × 10^-5 | -3.32 × 10^-6 | -1.70 × 10^-6 | 2.64 × 10^-6 | 6.10 × 10^-4 | -1.67 × 10^-4 | -8.55 × 10^-5 | 1.33 × 10^-4 |