

EPA Proposed CT Values for *Cryptosporidium* Inactivation

***ClO₂ CT Final Residual Values for *Cryptosporidium* Kill**

| Temp. Logs | 10° C | 15° C | 20° C | 25° C |
|------------|-------|-------|-------|-------|
| 0.5 | 116 | 75 | 49 | 32 |
| 1.0 | 232 | 151 | 98 | 64 |
| 1.5 | 348 | 226 | 147 | 96 |
| 2.0 | 464 | 302 | 196 | 127 |
| 2.5 | 580 | 377 | 245 | 159 |
| 3.0 | 696 | 452 | 294 | 191 |

ClO₂ CT Mean Values for *Cryptosporidium* Kill

| Temp. Logs | 10° C | 15° C | 20° C | 25° C |
|------------|-------|-------|-------|-------|
| 0.5 | 85 | 55 | 36 | 23 |
| 1.0 | 170 | 111 | 72 | 47 |
| 1.5 | 256 | 166 | 108 | 70 |
| 2.0 | 341 | 221 | 144 | 94 |
| 2.5 | 426 | 277 | 180 | 117 |
| 3.0 | 511 | 332 | 216 | 140 |

* $\text{Log}_{10}(I) = 0.00182(1.09)^{\text{Temp} \times \text{CT}}$ For 75% Upper Confidence Limits (Clark et al. 2001a)

$\text{Log}_{10}(I) = 0.00248(1.09)^{\text{Temp} \times \text{CT}}$ For 50% Confidence Limits (Clark et.al. 2001a)