



Disinfection (6 log reduction) vs. Sanitization (3 log)

Percent Reduction	Log Reduction	Number of Live Bacteria (CFU/ml)
0	0.0	1,000,000 (1×10^6)
50	0.3	500,000 (1×10^5)
90	1.0	100,000 (1×10^5)
99	2.0	10,000 (1×10^4)
99.9 = Sanitization	3.0	1,000 (1×10^3)
99.99	4.0	100 (1×10^2)
99.999	5.0	10 (1×10^1)
99.9999 = Disinfection	6.0	1 (1×10^0)

Count the NINEs to determine LOG reduction