

MPN table for enumeration tray 51

Number of wells positive	Most probable number (MPN) per 100 ml	95% confidence interval	
		lower	upper
0	< 1 ^a	0.0	3.7
1	1	0.3	5.6
2	2	0.6	7.3
3	3.1	1.1	9
4	4.2	1.7	10.7
5	5.3	2.3	12.3
6	6.4	3	13.9
7	7.5	3.7	15.5
8	8.7	4.5	17.1
9	9.9	5.3	18.8
10	11.1	6.1	20.5
11	12.4	7	22.1
12	13.7	7.9	23.9
13	15	8.8	25.7
14	16.4	9.8	27.5
15	17.8	10.8	29.4
16	19.2	11.9	31.3
17	20.7	13	33.3
18	22.2	14.1	35.2
19	23.8	15.3	37.3
20	25.4	16.5	39.4
21	27.1	17.7	41.6
22	28.8	19	43.9
23	30.6	20.4	46.3
24	32.4	21.8	48.7
25	34.4	23.3	51.2
26	36.4	24.7	53.9
27	38.4	26.4	56.6
28	40.6	28	59.5
29	42.9	29.7	62.5
30	45.3	31.5	65.6
31	47.8	33.4	69
32	50.4	35.4	72.5
33	53.1	37.5	76.2
34	56	39.7	80.1
35	59.1	42	84.4
36	62.4	44.6	88.8
37	65.9	47.2	93.7
38	69.7	50	99
39	73.8	53.1	104.8
40	78.2	56.4	111.2
41	83.1	59.9	118.3
42	88.5	63.9	126.2
43	94.5	68.2	135.4
44	101.3	73.1	146
45	109.1	78.6	158.7
46	118.4	85	174.5
47	129.8	92.7	195
48	144.5	102.3	224.1
49	165.2	115.2	272.2
50	200.5	135.8	387.6
51	> 200.5	146.1	unendlich

^a A value of < 1 means that no target bacteria was detected in the test. For undiluted samples, the value can be reported as zero. If however the sample has been diluted, the appropriate multiplication factor has to be used. For example, if a dilution of 1:10 was performed and no bacteria were detected, the result should be reported as < 10 in the test report.