FIG. 1

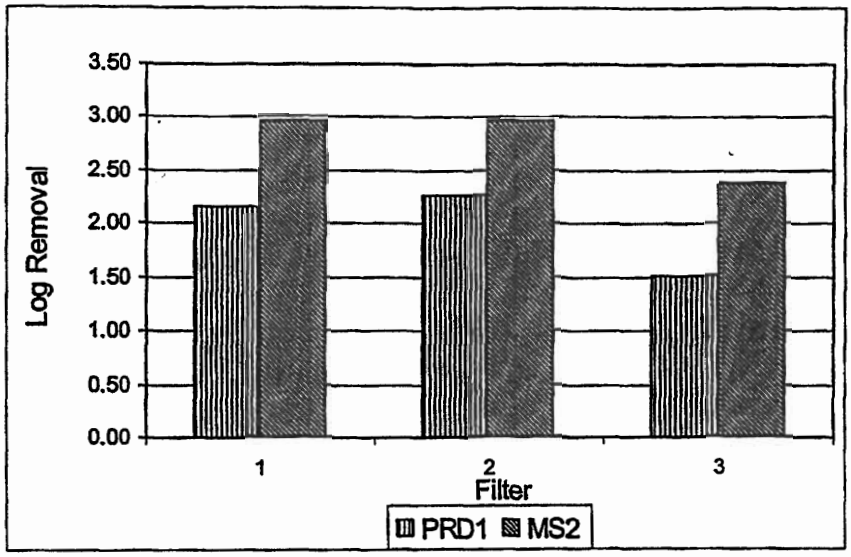
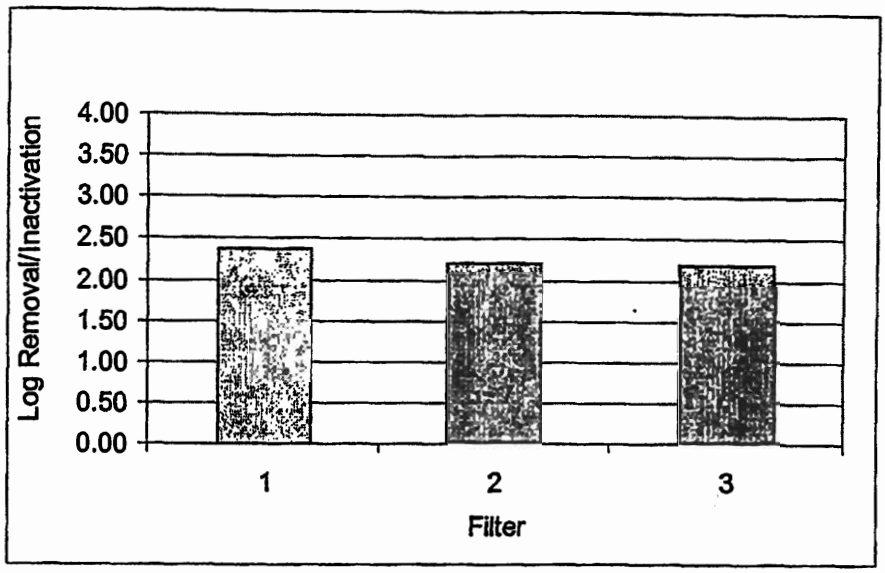

3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Log Removal
1
2
3
Filter
PRD1
MS2

FIG. 2

A


Log Removal/Inactivation
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
1
2
3
Filter

B

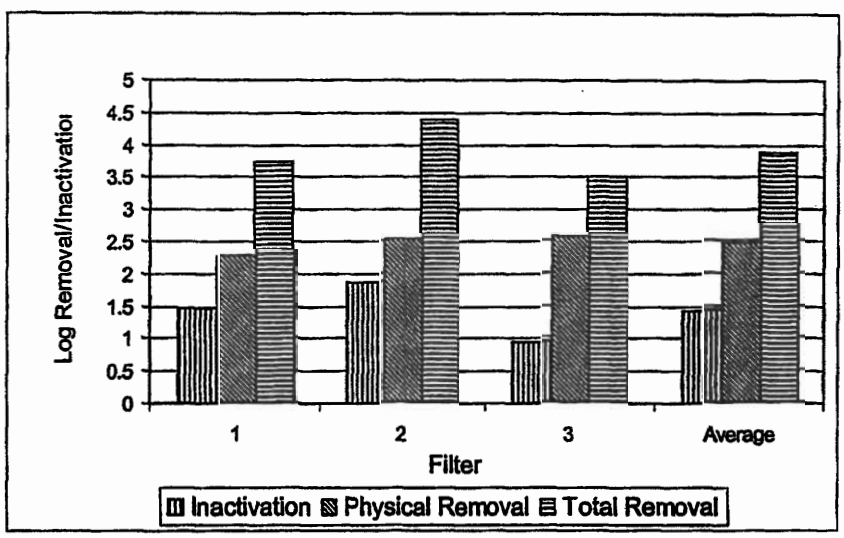

Log Removal/Inactivation
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1
2
3
Average
Filter
Inactivation
Physical Removal
Total Removal

FIG. 3

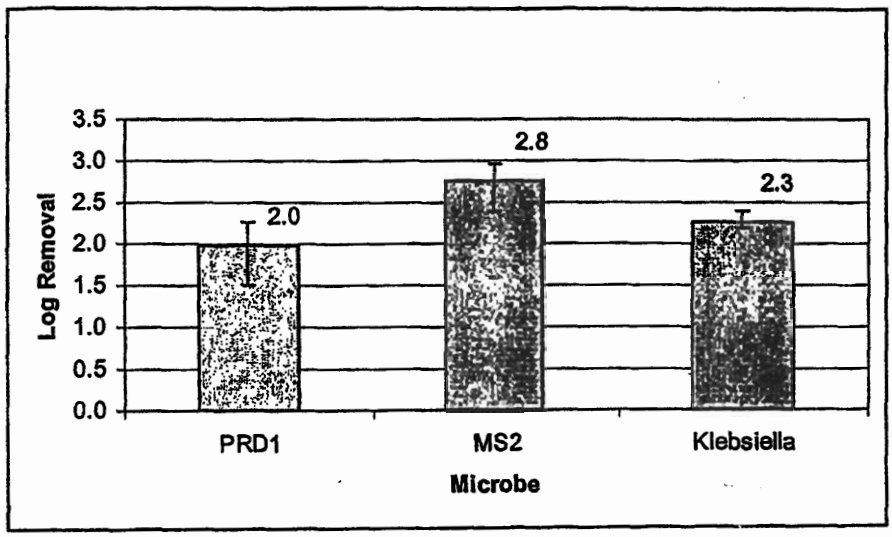

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Log Removal
2.0
2.8
2.3
PRD1
MS2
Klebsiella
Microbe

FIG. 4

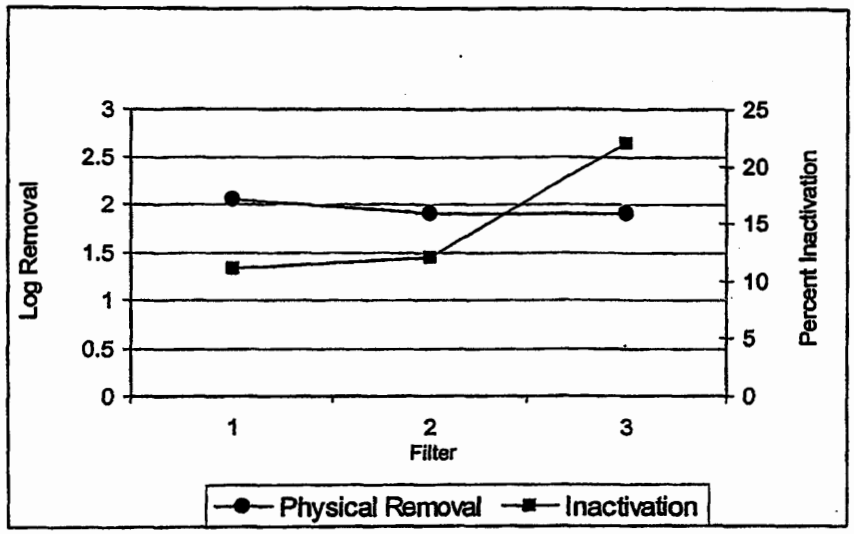

Log Removal
Percent Inactivation
3
2.5
2
1.5
1
0.5
0
25
20
15
10
5
0
1
2
3
Filter
Physical Removal
Inactivation

FIG. 5

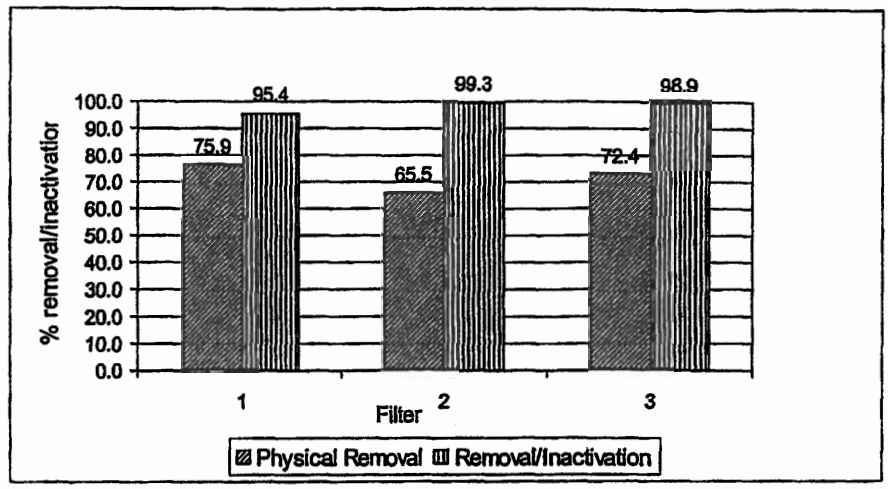
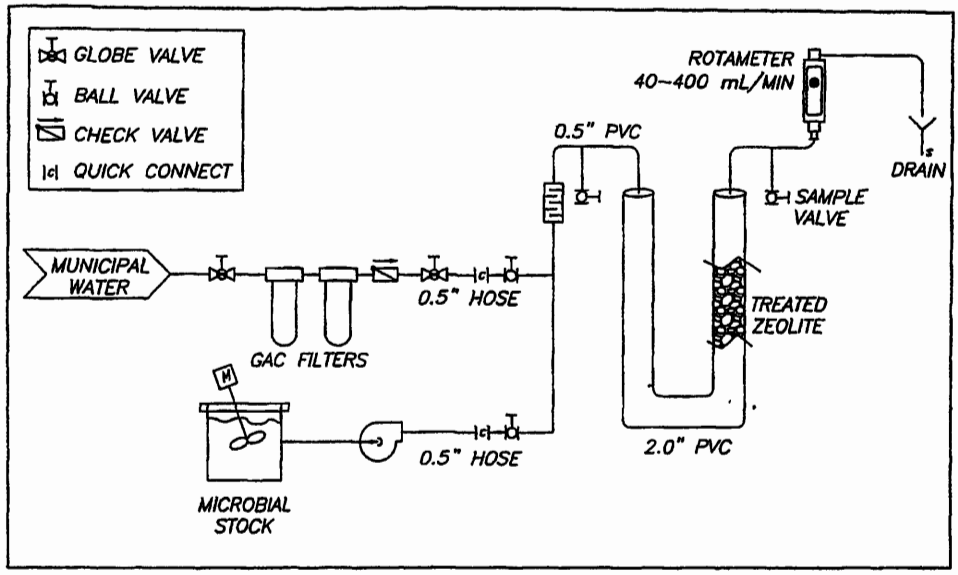

% removal/inactivation
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
75.9
95.4
65.5
99.3
72.4
98.9
1
2
3
Filter
Physical Removal
Removal/Inactivation

FIG. 6


GLOBE VALVE
BALL VALVE
CHECK VALVE
QUICK CONNECT
ROTAMETER
40–400 mL/MIN
0.5" PVC
DRAIN
SAMPLE
VALVE
MUNICIPAL
WATER
0.5" HOSE
TREATED
ZEOLITE
GAC FILTERS
M
0.5" HOSE
2.0" PVC
MICROBIAL
STOCK