# Report Of Laboratory Tests

**Items** | **Unit** | **Synthetic Water** | **0 min** | **30 min** | **60 min** | **180 min** | **300 min** |
--- | --- | --- | --- | --- | --- | --- | --- |
Eschericia Coli | Conc. | CFU/mL | $1.0 \times 10^4$ | $1.0 \times 10^4$ | $1.2 \times 10^3$ | $9.0 \times 10^2$ | $2.0 \times 10^2$ | $1.0 \times 10^2$ |
Removal Rate | % | - | 0 | 88 | 91 | 98 | 99 |
Bacillus subtilis | Conc. | CFU/mL | $1.0 \times 10^4$ | $1.0 \times 10^4$ | $1.9 \times 10^3$ | $1.5 \times 10^3$ | $8.0 \times 10^2$ | $5.0 \times 10^2$ |
Removal Rate | % | - | 0 | 81 | 85 | 92 | 95 |
Staphylococcus aureus | Conc. | CFU/mL | $1.1 \times 10^4$ | $1.1 \times 10^4$ | $1.1 \times 10^3$ | $8.8 \times 10^2$ | $2.2 \times 10^2$ | $1.1 \times 10^2$ |
Removal Rate | % | - | 0 | 90 | 92 | 98 | 99 |

*Purpose: Pretestation*
*Testing method: Pour Plate Method*
*Testing condition: After submerging test sample into the synthetic water and 0, 30, 60, 180 minutes and 300 minutes elapsed, analyzed the synthetic water.*

*Don't rewrite this report without written admission.*
Report of Laboratory Tests

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>UNIT</th>
<th>0 hr</th>
<th>8 hr</th>
<th>24 hr</th>
<th>48 hr</th>
<th>REMARK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ca</td>
<td>mg/L</td>
<td>Not Detected</td>
<td>0.23</td>
<td>10.4</td>
<td>29.4</td>
<td></td>
</tr>
<tr>
<td>Mg</td>
<td>mg/L</td>
<td>Not Detected</td>
<td>Not Detected</td>
<td>1.40</td>
<td>3.09</td>
<td></td>
</tr>
</tbody>
</table>

Purpose: Presentation
Testing method: EPA Method 200.7
Testing condition: After submerging test sample into distilled water and 0, 8, 24 hours and 48 hours elapsed, analyzed the extraction water.

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