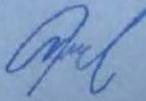


| Microbial Penetration - Wet Bacteria Analysis Report Attachment (ISO 22610) |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
|-----------------------------------------------------------------------------|----------------------------------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|------------------------|-----------------------------------|-------------------------------|-------------------------------|
| Sample No:                                                                  |                                                          | 2029480E       |                 |                 |                 |                 |                        |                                   |                               |                               |
| Analysis Results                                                            |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
|                                                                             | Bacillus atrophaeus<br>Spore Concentration<br>(spore/mL) | X1<br>(cfu)    | X2<br>(cfu)     | X3<br>(cfu)     | X4<br>(cfu)     | X5<br>(cfu)     | Z<br>(cfu)             | Total<br>Colony<br>Count<br>(cfu) | % Pn                          |                               |
|                                                                             |                                                          | 0-15<br>minute | 15-30<br>minute | 30-45<br>minute | 45-60<br>minute | 60-75<br>minute |                        |                                   |                               |                               |
| Test Specimen - 1                                                           | 5500                                                     | 3              | 2               | 6               | 14              | 33              | 96                     | 58                                | 1,05                          |                               |
| Test Specimen - 2                                                           |                                                          | 2              | 2               | 7               | 5               | 16              | 75                     | 32                                | 0,58                          |                               |
| Test Specimen - 3                                                           |                                                          | 6              | 9               | 6               | 22              | 45              | 123                    | 88                                | 1,60                          |                               |
| Test Specimen - 4                                                           |                                                          | 3              | 3               | 5               | 12              | 25              | 102                    | 48                                | 0,87                          |                               |
| Test Specimen - 5                                                           |                                                          | 8              | 5               | 11              | 20              | 27              | 88                     | 71                                | 1,29                          |                               |
| X1: 1.plates colony count                                                   |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| X2: 2.plates colony count                                                   |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| X3: 3.plates colony count                                                   |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| X4: 4.plates colony count                                                   |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| X5: 5.plates colony count                                                   |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| Z: Number of plates in the reverse test sample                              |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| Pn: Percentage of penetration                                               |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| Total Colony Count = X1+X2+X3+X4+X5                                         |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
|                                                                             | T<br>(cfu)                                               | CUM1           | CUM2            | CUM3            | CUM4            | CUM5            | Barrier Index<br>(EPP) | Donor (cfu)                       | Incubator<br>Control<br>(cfu) | Ambient Test<br>Control (cfu) |
| Test Specimen - 1                                                           | 154                                                      | 0,02           | 0,03            | 0,07            | 0,16            | 0,38            | 5,34                   | 144                               | <4                            | <25                           |
| Test Specimen - 2                                                           | 107                                                      | 0,02           | 0,04            | 0,10            | 0,15            | 0,30            | 5,39                   | 121                               | <4                            | <25                           |
| Test Specimen - 3                                                           | 211                                                      | 0,03           | 0,07            | 0,10            | 0,20            | 0,42            | 5,18                   | 106                               | <4                            | <25                           |
| Test Specimen - 4                                                           | 150                                                      | 0,02           | 0,04            | 0,07            | 0,15            | 0,32            | 5,39                   | 130                               | <4                            | <25                           |
| Test Specimen - 5                                                           | 159                                                      | 0,05           | 0,08            | 0,15            | 0,28            | 0,45            | 4,99                   | 151                               | <4                            | <25                           |
| T = Z + X1 + X2 + X3 + X4 + X5                                              |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| CUM1 = X1/T                                                                 |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| CUM2 = (X2 + X1)/T                                                          |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| CUM3 = (X3 + X2 + X1)/T                                                     |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| CUM4 = (X4 + X3 + X2 + X1)/T                                                |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |
| CUM5 = (X5 + X4 + X3 + X2 + X1)/T                                           |                                                          |                |                 |                 |                 |                 |                        |                                   |                               |                               |

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