TABLES

Table 1.

The zones of inhibition (mm) of the materials with antibiotics against bacterial and fungi strains (MICa in µg/mL) a MIC: Minimal inhibitory concentration values with SEM= 0.02, b ( - ): Totally inactive (no inhibition)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| The Samples | | Bacteria | | | | | | |
|  |  | Gram-positive bacteria | | | Gram-negative bacteria | | | |
|  |  |  | | |  | | | |
|  | Doses  gr/mL | *B.subtilis* | *S. aureus* | *B.megaterium* | *E.aerogenes* | *E.coli* | *P.aeruginosa* | *K.Pneumonia* |
| **1** | 0.005 | 12a | -b | - | - | - | - | 15 |
| 0.01 | 13 | - | - | - | 12 | 14 | 15 |
| 0.02 | 14 | - | 13 | 13 | 16 | 17 | 16 |
| **2** | 0.005 | 14 | 12 | 12 | 12 | 14 | 14 | 12 |
| 0.01 | 10 | - | - | 12 | 12 | 12 | 12 |
| 0.02 | 12 | - | 10 | 14 | 16 | 16 | 16 |
| **3a** | 0.005 | - | - | - | - | 10 | - | 10 |
| 0.01 | 14 | 14 | 15 | 12 | 16 | 12 | 15 |
| 0.02 | 19 | 20 | 16 | 19 | 20 | 21 | 19 |
| **3b** | 0.005 | 11 | 12 | 11 | 10 | 12 | 10 | 10 |
| 0.01 | 13 | 12 | 15 | 14 | 15 | 12 | 14 |
| 0.02 | 16 | 22 | 18 | 18 | 16 | 20 | 18 |
| **3c** | 0.005 | 12 | - | - | 12 | 12 | - | - |
| 0.01 | 15 | 11 | 11 | 16 | 15 | 12 | 11 |
| 0.02 | 16 | 17 | 17 | 18 | 18 | 19 | 15 |
| **4** | 0.005 | - | - | - | - | 11 | - | 13 |
| 0.01 | 12 | 12 | 12 | 14 | 13 | - | 15 |
| 0.02 | 16 | 17 | 16 | 16 | 17 | 18 | 16 |
| **5a** | 0.005 | 14 | - | 13 | - | 13 | 13 | 12 |
| 0.01 | 16 | 15 | 16 | 12 | 15 | 18 | 16 |
| 0.02 | 18 | 18 | 19 | 19 | 18 | 20 | 18 |
| **5b** | 0.005 | 12 | 12 | - | 12 | - | - | 12 |
| 0.01 | 15 | 14 | 15 | 15 | 17 | 13 | 14 |
| 0.02 | 18 | 18 | 18 | 20 | 18 | 17 | 19 |
| **5c** | 0.005 | 13 | - | 12 | - | 14 | 13 | - |
| 0.01 | 14 | 13 | 13 | 13 | 14 | 13 | 14 |
| 0.02 | 15 | 15 | 15 | 15 | 15 | 14 | 16 |
| Standart |  |  |  |  |  |  |  |  |
| Erythromycin | 15 mg | 20 | 21 | 25 | 27 | 19 | 19 | 19 |
| Amikacin | 30 mg | 14 | 10 | - | 10 | 13 | - | 16 |
| Penicillin | 10 mg | 21 | 18 | 16 | 16 | 18 | 8 | 19 |
| Ampicillin | 10 mg | 9 | - | 10 | - | - | - | 10 |
| Rifampicin | 5 mg | 9 | - | 10 | - | - | - | 10 |