|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | Name of the microorganism | Inhibition zone diameter | | | | | | |  |
| Standard (Amphotericin-B) | -OCH3 | -OH | -CH3 | -H | -Cl | -Br | -NO2 |
| 1 | Escherichia coli | 21 | 9 | 10 | 12 | 14 | 16 | 17 | 20 |
| 2 | Klebsiella oxytoca | 16 | 8 | 12 | 14 | 16 | 20 | 24 | 28 |
| 3 | Proteus mirabilis | 18 | 7 | 9 | 10 | 11 | 16 | 19 | 22 |
| 4 | Pseudomonas aeruginosa | 21 | 11 | 13 | 15 | 16 | 20 | 23 | 28 |
| 5 | Shigella Sonnei | 16 | 8 | 10 | 11 | 12 | 14 | 18 | 21 |
| 6 | Staphylococcus aureus | 18 | 7 | 12 | 13 | 14 | 16 | 23 | 28 |