ANTIMICROBIAL ACTIVITY OF PIPERCUBEBEA OIL
ANTIMICROBIAL ACTIVITY OF PIPERNIGRUM OIL

ZONE OF INHIBITION IN MM

ORGANISM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
The essential oils have been isolated from the fruits of Foeniculum vulgare Mill, Coriandrum sativum, Piper longum, Piper cubeba and Piper nigrum by steam and water distillation method and tested for their activity against some bacteria and fungi. The essential oils from Coriandrum sativum, Piper cubeba and Piper nigrum have shown high activity against Escherichia coli, Bacillus subtilis, Staphylococcus aureus, Salmonella typhi and Salmonella paratyphi. All the five oils possess good activity against Trichoderma viride, curvularia lunata, Fusarium solani and to a less degree towards Aspergillus flavus, Aspergillus fumigatus and Penicillium jevanicum.