

## Susceptibility of bacterial pathogens to *Mentha citrata* Ehrh

K. GAYATHRAMMA, J. SEEBA MANOJ AND SRAVANTHI GUJJAR

Accepted : March, 2009

### SUMMARY

The antibacterial activity of methanol, ethanol, Petroleum ether and aqueous extracts from *Mentha citrata* (Lamiaceae) root, stem and leaves were tested by disc diffusion method against *Klebsiella pneumoniae*, *Bacillus cereus*, *Proteus vulgaris*, *Pseudomonas aeruginosa*, *Escherichia coli* and *Staphylococcus aureus*. Methanolic and ethanolic leaf extracts showed greater activity against pathogenic organisms, than those of aqueous and petroleum ether extract. It exhibited significant antibacterial activity against *E. coli*, *Staphylococcus aureus* and *Proteus vulgaris*. Moderate activity was associated with *Bacillus cereus* and *Klebsiella pneumoniae*.

**Key words :** Antibacterial activity, *Mentha citrata*, Leaf extract

---

#### Correspondence to:

K. GAYATHRAMMA, Department of Biotechnology,  
Presidency College, BANGALORE (KARNATAKA)  
INDIA

#### Authors' affiliations:

J. SEEBA MANOJ AND SRAVANTHI GUJJAR,  
Department of Biotechnology, Presidency College,  
BANGALORE (KARNATAKA) INDIA

---