

## Salmonella Spp. and Essential Oil of *Laurus nobilis*

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**Abstract :** The food borne infections have a significant impact on public health. Salmonella is the first bacterial cause, especially because of its general availability in the intestinal tract of poultry, pigs and cattle. This bacteria and essential oil of *Laurus nobilis* subject in this article. In vitro evaluation of the antibacterial activity shows a sensitivity of Salmonella spp. with a MIC of 2.5 mg.ml<sup>-1</sup> in vivo after infection of wistar rats and administered orally this essential oil, microbiological results fecal material shows the antibacterial effect of this oil on Salmonella spp.

**Keywords :** *Laurus nobilis*, essential oil, salmonella, antibacterial activity, fecal matte

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