



Actividades antimicrobianas y antifúngicas de los extractos alcohólicos de *Passiflora edulis* y *Citrus x sinensis* [

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text (article)

Analítica

In the present work, the inhibitory power of the alcoholic extracts of the agro-industrial by-products of orange and passion fruit was studied against four bacteria: *Listeria monocytogenes*, *Streptococcus mutans*, *Salmonella* spp., *Escherichia coli* and two fungi: *Penicillium* sp, and *Rhizopus* spp. The alcoholic extracts of orange and passion fruit peels in concentrations of 0,05 and 0,1% were applied to strains of the six microorganisms and the zone of inhibition and the growth curve along 24 h were determined. The results showed that the highest concentration of the extracts (0,1%) of both fruits formed inhibition zones of larger diameter. The bacteria were more resistant to orange extracts compared to passion fruit extracts, with complete inhibition at 24 and 6 h, respectively. On the other hand, the complete inhibition of the fungi was after 4 hours of action of extracts of the two fruits

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Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es