



**VICTORIA UNIVERSITY**  
MELBOURNE AUSTRALIA

*Diffusion of linalool and methylchavicol from polyethylene-based antimicrobial packaging films*

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## Figure Captions

**Figure 1.** Experimental data representing the release curves of: (a) linalool and (b) methylchavicol from LDPE-based films into isooctane at three different temperatures: 25°C (open circles), 10°C (open squares) and 4°C (filled circles). The bars represent one standard deviation.

**Figure 2.** Release curves of: (a) linalool and (b) methylchavicol from LDPE-based films into isooctane at 4°C. Continuous lines represent the sigmoidal fits to the experimental data using the time-response function with a Hill coefficient.

**Figure 3.** Arrhenius plots of linalool (filled circles) and methylchavicol (filled squares) incorporated in LDPE-based films where data were derived from: (a) half-time method equation and (b) time-response function with a Hill coefficient.

Figure 1

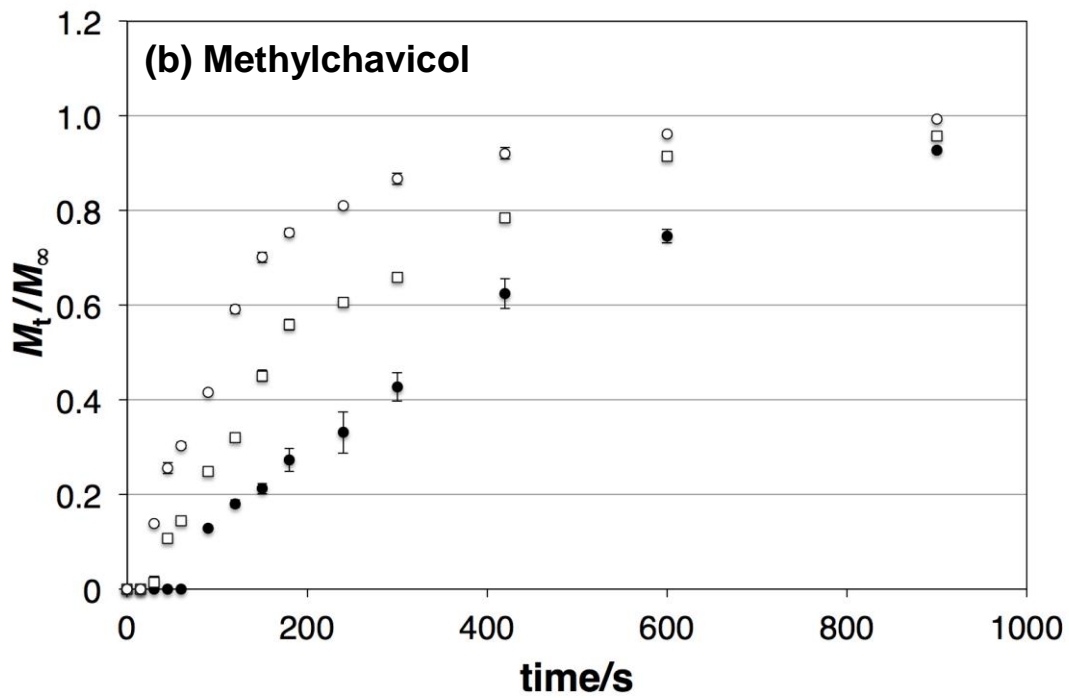
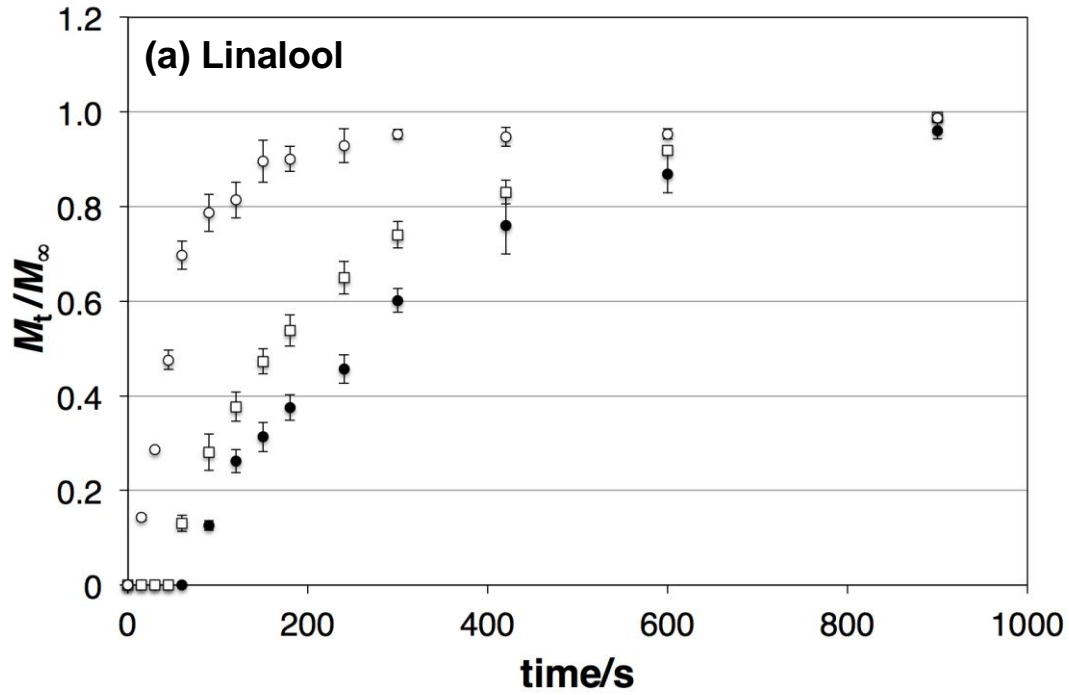


Figure 2

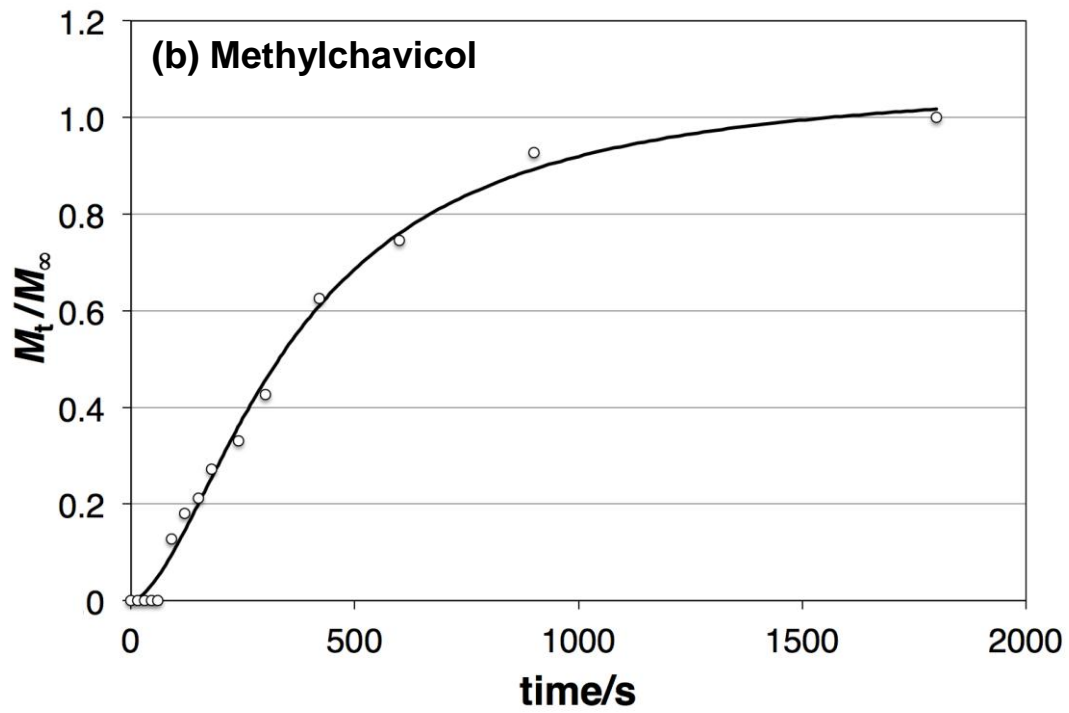
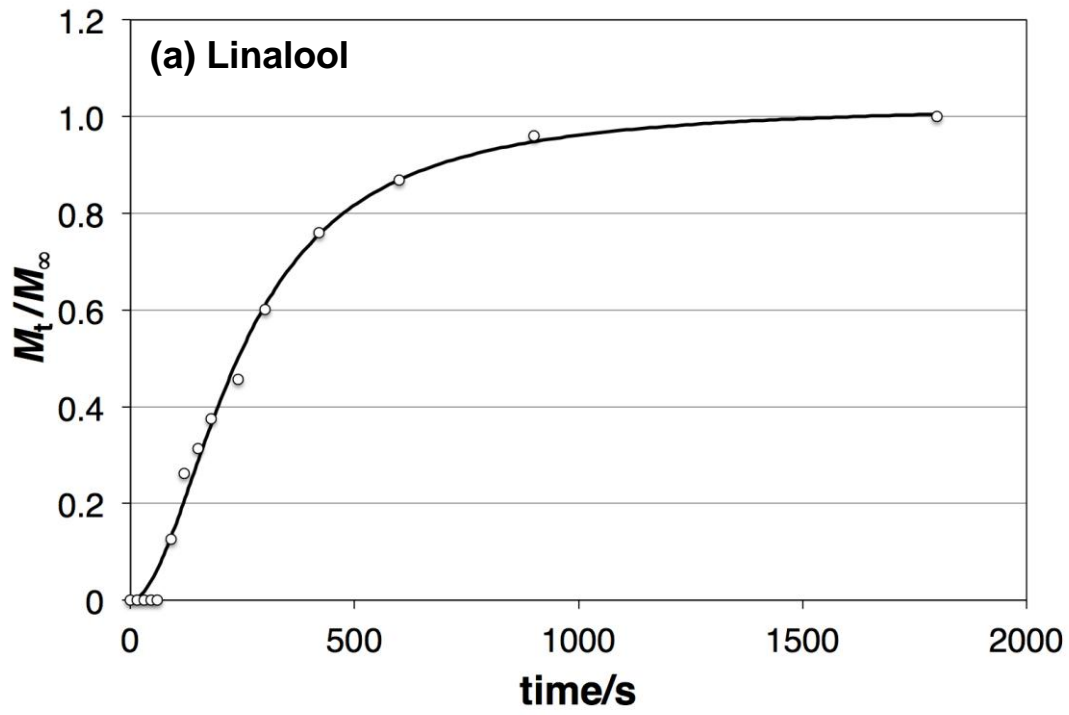


Figure 3

