ABSTRACT

TITLE: Polychlorinated Biphenyl (Aroclor 1242 ): Effects of Uptake on E. coli Growth

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PCB at .01 and .1 ppm consistently stimulated E. coli growth in vitro. Differences between treatments and controls were statistically significant at the 95% confidence level. There was no difference in nucleic acids content between treatments and controls at the conclusion of 24 hours incubation although increased uridine uptake was noted in all PCB cultures after five hours of incubation.

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