

## Food Consumption and Body Weight in Mice Treated with Palm Oil–Derived Tocotrienol Rich Fraction (TRF)

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**Abstract:** The effect of palm oil-derived tocotrienol rich fraction (TRF) treatment on body weight and food consumption in male ICR white mice was investigated in this study. Mice were randomly divided into 4 groups (n=10 for each group). The first group is designated as control group. The other three groups were given TRF by oral gavage at concentrations of 200, 500, and 1000 mg/kg respectively for 14 days. Mice were weighed twice weekly at the same hour, and food intake was recorded daily. The results showed that administration of TRF at different doses did not significantly affect body weight and food intake in mice.

**Key Words:** TRF – tocotrienol - mice – body weight.

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