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American Journal of Food Technology 

Title: Heavy Metal Composition of Some Imported Canned Fruit Drinks in Nigeria

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Abstract: Concentrations of cadmium, lead, chromium, nickel, copper, manganese and zinc in six brands of fruit drinks was investigated. The concentration of the heavy metals showed appreciable ($p < 0.05$) variability within a brand except for Pb and Zn in orange brand. However, apparent and significant variability exist when brand are compared. The mean levels of the studied metals varies between 2.29-18.29 ppm for Fe, 1.41-7.19 ppm for Cu, 0.002-0.89 ppm for Cr, 0.06-1.93 ppm for Pb, 0.21-1.00 ppm for Ni, 0.006-11.29 ppm for Mn, 0.69-1.25 ppm for Zn and 0.002-0.49 ppm for Cd, the levels of these metals exceeded statutory safe limits except for Mn, Zn and Fe.

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