

58. A statistical method of testing the genuineness of a sample of *ghee*.

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Constants of genuine cow and buffalo *ghee*, published by Bengal Public Health Department, have been analyzed statistically in this paper. Mean standard deviation, coefficient of variation of the four constants (Reichert Woolny value, Saponification value, Refraction Reading, and Iodine value) have been calculated together with their probable errors and the correlation co-efficient between every pair of constants have been obtained. The statistical parameters for buffalo and cow *ghees* have been compared and an attempt has been made to find out a statistical test of adulteration from the observed constants.