# **A Comparative Study on the Quality of Available Brand Fluid Milk in Chattogram City of Bangladesh**

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**Khulshi, Chattogram-4225, Bangladesh**

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# **A Comparative Study on the Quality of Available Brand Fluid Milk in Chattogram City of Bangladesh**



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**Abstract**

The current study was carried out to have a comparative investigation on the quality of available brand fluid milk consumed by the inhabitants of Chattogram city (CC).A total of 25 Samples, with 5 samples from each, five major consumed brand milk was procured and analyzed for different quality tests. Milk samples were collected from city super-shops, departmental stores. Quality analysis was carried outwit different standard methods. The study showed a significant (P˂0.01) variation in the nutritional parameters of the collected major consumed brand milk. The available consumed milk brands showed irregularity in supplying standard nutrients. Out of 5 Major consumed brandsnot a single brand milk have average 3.5 % Fat within the standard mark, while two brand are close to the standard mark 3.5%, the other three brands are too far than the standard limit. But, in case of SNF % of the brand milk, most brand were within the standard limit leaving only one brand (PRAN) below the standard 8.5% SNF ,The Total solid ( TS% ) of the brands revealed two brand (Canvas ,Nahar) within the standard mark and the other three brand (Pran, Aarong , MilkVita ) below the standard 12% TS.So based on the parameters studied, this study concluded that all of the brand milk samples available in the selected areas possessed not satisfactory quality.

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***Key words***: Brand milk, quality analysis, comparative study, Chattogram.