



Consumer Guidance Society of India

The Societies Registration Act XXI of 1860 (Ref. No. Bom 33/1966 GBBSD 04/04/1966) &

The Bombay Public Trusts Act XXIX of 1950 (Reg. No. F – 1381 (Bom) 20/05/1966)

India's First NGO in the Consumer Sector: Established in 1966

Value for Price, People and the Environment

Block J, Azad Maidan, Opposite Cama Hospital, Mahapalika Marg, Mumbai 400001.

Tel: 2262 1612, Fax: 2265 9715; Website: www.cgsiindia.org; E-mail: cgsibom@gmail.com

Milk Quality – Testing Report

CGSI from 2008 onward routinely carries out massive exercises primarily aimed to check the quality of milk supplied to consumers in Greater Mumbai, Navi Mumbai, Thane & various other districts of Maharashtra. CGSI gives the results not only to make consumers aware of the quality of milk they are consuming but also help in enlightening the relevant Food and Drugs Administration authorities on the actual market situation for undertaking any probable action on the findings. Milk adulteration is a cognizable and a non-bail able offence in Maharashtra.

CGSI in its Golden Jubilee Year had acquired an Electronic Milk Analyzer (Lactoscan-S) at its office at Azad Maidan. The Electronic Milk Analyzer can test Fat Content, Protein Content, SNF, Water Content, Lactose, etc., in milk. CGSI in association other consumer welfare groups and organizations, college and school students, NSS, etc., uses the machine for both consumer education and for benefiting customers interested in testing the quality of milk they buy and consume.

In order to create public awareness about the quality of milk that is in supply, CGSI tests milk on a regular basis by running consumer contact camps primarily in Mumbai, Navi Mumbai, Thane, State of Maharashtra, and other places in India if required. CGSI issues a report of analysis to the consumers post milk testing. We have used SNF & FAT content as a basis to decide on the quality of milk samples bought by consumers to the testing center. We have tested each sample twice by using a fresh aliquot each time and have considered the second testing results for final tabulation and analysis. CGSI tested about 690 milk samples from Jan 2018 to Oct 2018. The following are a brief collated conclusive report of the tests CGSI carried out on milk samples bought by consumers. CGSI tested milk samples to find out as to whether it complies with the FSSAI standards or not and the results analyzed.

The parameters noted are as mentioned in <http://cgsiindia.org/wp-content/uploads/2018/02/MILK-TESTING-TEMPLATE-NOVEMBER-2017.pdf>. CGSI tested all the milk samples by making use of “Lactoscan-S” milk analyzer, technical details of which is available at <http://cgsiindia.org/wp-content/uploads/2016/01/Lactoscan-S.pdf>

FSSAI – MILK STANDARDS - MAHARASHTRA		MINIMUM %	
CLASS OF MILK	DESIGNATION	Milk Fat	Milk Solids Not Fat (S. N. F)
Cow Milk	Raw, Pasteurized, boiled, flavored and sterilized	3.2	8.3
Buffalo Milk	Raw, Pasteurized, boiled, flavored sterilized	6.0	9.0
Goat or Sheep Milk	Raw, Pasteurized, boiled, flavored and sterilized	3.5	9.0
Camel	Raw, Pasteurized, boiled, flavored and sterilized	2.0	6.0
Mixed Milk	Raw, Pasteurized, boiled, flavored and sterilized	4.5	8.5
Standardized Milk	Pasteurized, flavored and sterilized	4.5	8.5
Recombined Milk	Pasteurized, flavored and sterilized	3.0	8.5
Toned	Pasteurized, flavored and sterilized	3.0	8.5
Double Toned	Pasteurized, flavored and sterilized	1.5	9.0
Skimmed	Raw, Pasteurized, boiled, flavored and sterilized	Not more than 0.5	8.7
Full Cream Milk	Pasteurized and sterilized	6.0	9.0
IF CLASS OF MILK IS NOT INDICATED THEN THE STANDARDS OF MIXED MILK SHALL APPLY			



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Samples tested by CGSI (Jan – Oct 2018)	TOTAL	%
TOTAL MILK SAMPLES	690	100.00
BRANDED	228	33.04
LOOSE UNBRANDED	462	66.96
Complying to FSSAI standard specifications	151	21.88
NOT COMPLYING TO FSSAI STANDARD SPECIFICATIONS	539	78.12
Total Milk Samples (Branded)	228	100.00
Complying to FSSAI standard specifications	47	20.61
NOT COMPLYING TO FSSAI STANDARD SPECIFICATIONS	181	79.39
Total Milk Samples (Loose unbranded)	462	100.00
Complying to FSSAI standard specifications	104	22.51
NOT COMPLYING TO FSSAI STANDARD SPECIFICATIONS	358	77.49

CONCLUSION: 78.12% of Milk available in open market, purchased/sampled by consumers and tested by CGSI does not comply with FSSAI standards.

We request your active continuous support, help and cooperation to continue the service of ours to Indian consumers. Suggestions to improve the proposal are most welcome.

Thanks & Regards,

Dr. Sitaram Dixit

Chairman

Dr. M. S. Kamath

General Secretary