



# Punjab Association's Anna Adarsh College for Women

# THE RISE

*Together we rise*



***The Official Newsletter***

***of***

***Citizen Consumer Club AACW***

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# THE RISE

*Together we rise*

The Official Newsletter of Citizen Consumer Club AACW



Know your rights.  
before buying the  
products.

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## EDITORIAL MESSAGE

### EDITORIAL BOARD

With great joy The Citizen Consumer Club once again brings out the next informative bundle of awareness to its readers. This issue presents to you- "Quick tests to detect adulteration by DART" and "Landmark Judgements". We hope this issue will not only create awareness among the readers but would also bring a positive change in their attitudes as a "socially & environmentally aware consumers".

Happy Reading!!!

### STAFF EDITORIAL BOARD

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**Ms. Charu Maheshwari**

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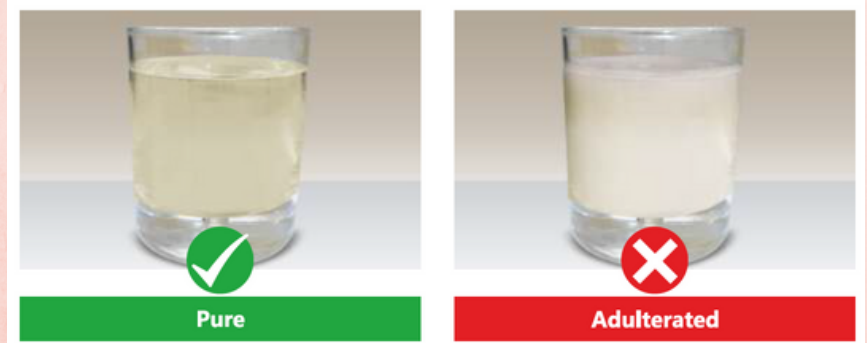


# FSSAI DART

## DETECTION OF SUGAR SOLUTION IN HONEY

Testing method -1:

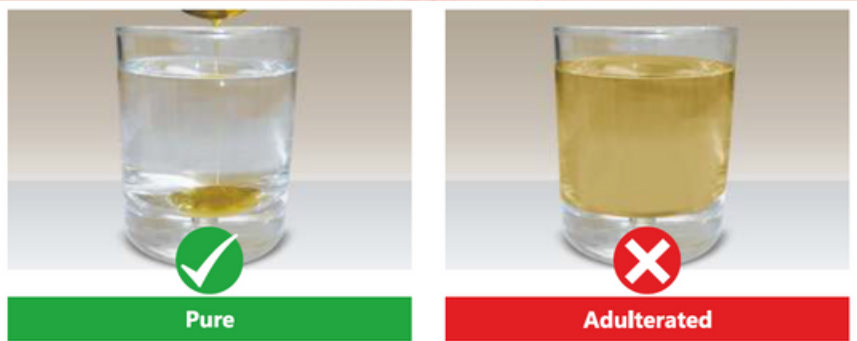
1. Take a transparent glass of water.
2. Add a drop of honey to the glass.
3. Pure honey will not disperse in water.
4. If the drop of honey disperses in water, It indicates the presence of added sugar.



Testing method -2:

1. Take a cotton wick dipped in a pure honey and light with a match stick.
2. Pure honey will burn.
3. If adulterated, the presence of water will not allow the honey to burn if it does; it will produce a cracking sound.

## DETECTION OF CHALK POWDER IN SUGAR/JAGGERY



Testing method :

1. Take a transparent glass of water.
2. Dissolve 10g of sample in water.
3. If sugar/pithi sugar/jaggery is mixed with chalk, the adulterant will settle down at the bottom.

## DETECTION OF DUST/PEBBLES/STONES/WEEDS IN FOOD GRAINS

Testing method:1

1. Take small quantity of sample in a glass plate.
2. Examine the impurities visually.
3. Pure food grains will not have any such impurities.
4. Impurities are observed visually in adulterated food grains.





### DETECTION OF DHATURA IN FOOD GRAINS



Datura seeds in food grains



Datura seeds

Testing method:

1. Take small quantity of food grains in a glass.
2. Examine the impurities visually.
3. Datura seeds which are flat with edges and blackish brown in colour can be separated out by close examination.

### DETECTION OF KHESARI DAL IN DAL WHOLE & SPLIT

Testing method:

1. Take small quantity of dal whole or split in a glass plate.
2. Examine the impurities visually.
3. Khesari dal which has edges type appearance showing a slant on one side and square in appearance can be separated out by close examination.

4. Pure dal will not have any such impurities.



Pure dal



Khesari dal

## KNOW YOUR DRINKING WATER

Bottled water is drinking water (e.g., well water, distilled water, mineral water, or spring water) packaged in plastic or glass water bottles. Bottled water may be carbonated or not. Sizes range from small single serving bottles to large carboys for water coolers.

Packaged drinking water is now most commonly used by people everywhere. Whether travel, office or school, it packaged drinking water is used by one and all. But are they all safe? Do they meet the standard requirement?

In order to find out the safety of it packaged drinking water, consumer VOICE tested conducted in a NABL accredited lab. other than lab testing some of the general observation that were made included the packing of drinking water and markings/labelling requirements were verified as per the Indian standard requirements.

Products Tested: Bisleri, Bailley, Rail Neer, Kingfisher, Bonaqua, Kinley, Aquafina

### Which are the parameters covered in the testing of it packaged drinking water?

The comparative test programme was based on the mandatory Indian Standard IS 14543:2016 . The test parameters for this study were mainly based on Indian Standard to judge the overall quality of packaged drinking water and also by following the FSS Regulation/ requirements.



### What is TDS in packaged drinking water?

TDS or Total Dissolved Solids is directly related to the quality of water purification systems and affects everything that consumes, lives in, or uses water, whether organic or inorganic. As per the Indian standard, TDS in packaged drinking water should be 500mg/litre maximum. Drinking-water becomes significantly and increasingly unpalatable at TDS levels greater than 1000 mg/litre.

### What are the parameter concerning toxic substances?

As per the national standard, the toxic substances which should be within prescribed limit of Indian Standard present in packaged drinking water are Mercury, Cadmium, Arsenic, Cyanide, Lead, Chromium and Nickel.

### What are test results?

All the tested brands were found safe for human consumption as they had complied with the Bureau of National Standard requirements IS 14543.

## CLUB EVENTS

The Citizen Consumer Club conducted a skit on Consumer Protection and Rights on 2nd September 2022 in Anna Adarsh Matriculation Higher Secondary School. The office bearers of the club and other members enacted a skit on how consumers are cheated by the sellers due to being unaware of the various market frauds and consumer rights. The students of the club also explained the various consumer rights and how to file a complaint in various consumer forums. After the skit the club had distributed pamphlets on Consumer Awareness and Rights to the school students.



On the occasion of World Food Day celebrated worldwide on October 16th every year, the Citizen Consumer Club of Anna Adarsh in collaboration with the Department of Accounting & Finance (Shift I) conducted two offline interdepartmental competitions on October 14th 2022. The themes for the Poster Painting competition were: Prevention of Food Wastage and Zero Hunger. The themes for the Essay writing were: Safer Food, Better Health, Fight Hunger & Poverty, and Goal 12 of Sustainable Development Goals by the United Nations.

The 1st three winners of the Essay Competition are: Kiran K, III B.Sc Home Science, Varsha R, II BBM (Shift I) and Roshini S I BCom A&F (Shift I). The prize winners of the Poster Painting competition were: Jessica, II BCom General (Shift I), Kavya G, III BCA (Shift I) and Poornima J, III B.Sc Home Science.



# ART TANK



Jessica  
II B Com General (Shift I)



Kavya G  
III BCA(Shift I)



Poornima J  
III B Sc Nutrition &  
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Now you can also see your art in the next issue. Mail us your drawings at [cclclub@annaadarsh.edu.in](mailto:cclclub@annaadarsh.edu.in) Mention your name, class and shift in the mail. Drawings and Posters relating to consumer welfare, energy conservation, sustainable development etc are welcome. Articles in the above mentioned topics are also welcome and after proper scrutiny will be published in the next issue.