

Dip and Detect Adulterants in milk



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Within 10 minute one can test adulterants in milk at house-hold level. ICAR-National Dairy Research Institute, Karnal has developed strip based cost effective (approx. Rs.8 per test) tool for rapid detection of adulterants in milk. One is able to detect 6 common adulterants in milk viz., neutralizers, urea, glucose, maltodextrin, hydrogen peroxide and sucrose. To test adulterants dip the strip in milk samples followed by immediate visualization of colour of the strip.

(Indian Patent Application nos. 3472/DEL/2013,
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Tests developed for detection of

- ✓ Neutralizer
- ✓ Urea
- ✓ H₂O₂
- ✓ Glucose
- ✓ Maltodextrin
- ✓ Sucrose



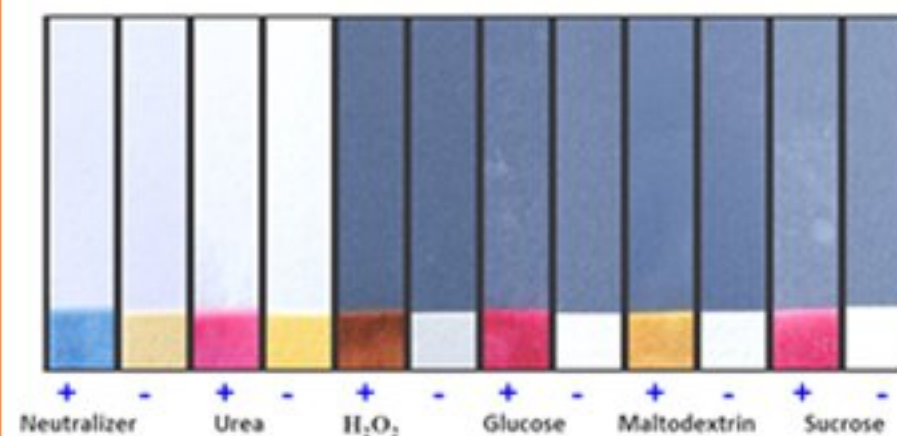
Detection of common adulterants in milk

Strips are commercially available

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Colour table for reference