

Food contact material

HCT-2015-10-04

## More than 50% plastic straws are found with excessive Primary Aromatic Amines and heavy metals



According to Weekly Quality Report of CCTV on September 24th, Jiangsu Quality Inspection bureau recently conducted a general survey on the plastic straws in the market, finding that safety hazards such as fluorescent substances, plasticizers, primary aromatic amines and heavy metals are common in straws. The important common point of this kind of straws is that the color is very bright.

According to test results, 56% plastic straws are detected to contain excessive primary aromatic amines and heavy metals and 39% contains migration of fluorescent substances. If we use those colorful straws in a long run, heavy metals will accumulate in our bodies, causing damage to neuro system and skeleton system. At the same time, cancer can be induced if fluorescent substances accumulate in human bodies. All of the primary aromatic amines and heavy metals were detected in the colored straws, while the colorless and transparent straws were safe in these two tests.

Besides, the test shows the evaporities in straws is also a problem. The failure rate reaches as high as 19%. Evaporities refer to chemicals that separate out when straws are used for sucking juice, acid beverage, vinegar, alcohol and etc. The higher the evaporitie index is, the greater hazard it poses to human health, especially for children and teenagers during adolescence.

### HCT Solutions :

Experts remind consumers to choose straws that are well sealed, in independent packaging and elastic if possible, which prove to be more hygienic. There is high risk in tableware safety, which is under strict supervision by competent departments. So HCT suggest FCM related enterprises to pay great attention to the key elements in manufacturing process to avoid risk.

#### Contact Us

Web: <http://www.hct-test.com/>

Hotline: 400-0066-989

T: (86) 755 84616666

Email: [service@hct-test.com](mailto:service@hct-test.com)

Add: 3rd floor, Block D, Peng Litai Industrial Estate, Long

Pingxi Road, Longgang District Shenzhen City.

#### Statement:

This publication is only educational and does not replace any legal requirements or applicable rules. Information included in the publication will not be revised. HCT does not guarantee that the content contained in the publication without any errors or will meet any particular performance or quality standards. If there is no consent of HCT in advance, please do not quote or refer any information