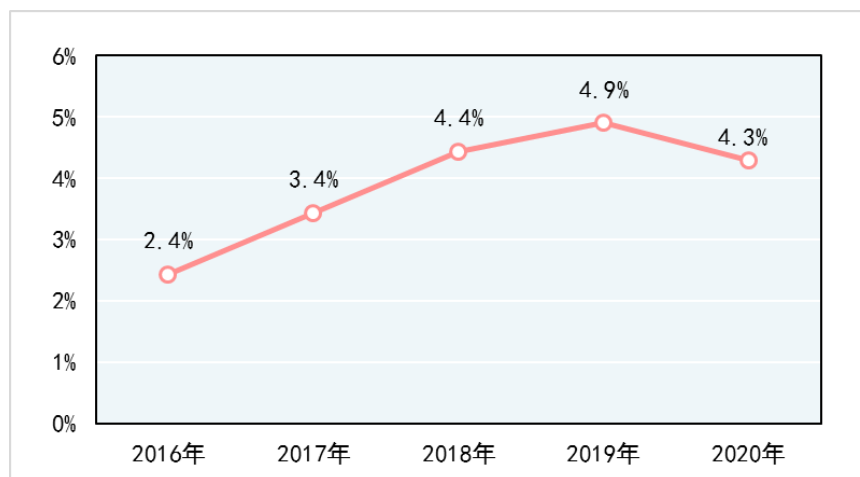


China Results of 2020 National Market Surveillance on Food Contact Product Quality in China Market

Recently China State Administration for Market Regulation (SAMR) published some results of the 2020 market surveillance, covering various products sold in China market. The market surveillance was conducted based on mandatory standards, some applicable product standards had also been included for qualification. For example, qualification of domestic porcelain ware also covered thermal shock, etc. that from certain product standards in addition to GB 4806.4-2016. Below summarized the statistics of food-related products (primarily food contact products) inspection in 2020, followed by notifications released from January to April of 2021.

In 2020, totally 17968 batches of products that produced by 16792 enterprises were inspected in China by SAMR, among them products of 1798 batches from 1729 enterprises were found being non-compliant. The non-compliance rate is 10.0%. Of which containing 22 categories of food-related products that were 2677 batches inspected from 2662 enterprises. The non-compliance rate is 4.3%, which decreased by 0.6% in comparison with 2019.



Non-compliance rate of food contact products in recent 5 years.

Source of image: http://qkml.samr.gov.cn/nsjg/zljdi/202104/t20210430_328459.html

The following table summarized results of certain food contact products based on SAMR notifications released from January to April 2021.

| | Category | No. of enterprises | No. of batches | Non-compliant batches | Non-compliant rate | Non-compliant parameter(s) |
|----|--|---|----------------|-----------------------|--------------------|--|
| 1 | Composite laminated food packaging bags | 120 enterprises from 17 provinces (districts, cities) | 120 | 3 | 2.5% | Total solvent residue. |
| 2 | food packaging bags other than composite laminated | 397 enterprises from 18 provinces (districts, cities) | 400 | 13 | 3.3% | Oxygen permeability, water vapour transmission rate, heat seal strength. |
| 3 | Polyethylene terephthalate (PET) bottles | 150 enterprises from 22 provinces (districts, cities) | 150 | Not found | - | - |
| 4 | Feeding bottles for infant | 60 enterprises from 6 provinces (cities) | 60 | Not found | - | - |
| 5 | Plastic cups | 75 enterprises from 6 provinces (cities) | 75 | Not found | - | - |
| 6 | Plastic bottle caps | 89 enterprises from 12 provinces (cities) | 89 | Not found | - | 1 batch was suspected of exceeding scope of production license. |
| 7 | Melamine plastic tableware | 79 enterprises from 12 provinces (districts, cities) | 80 | 1 | 1.3% | Contamination resistance. |
| 8 | Plastic disposable tableware | 176 enterprises from 17 provinces (districts, cities) | 176 | Not found | - | - |
| 9 | Paper and paper board for food contact | 120 enterprises from 14 provinces (cities) | 120 | Not found | - | - |
| 10 | Paper cups | 148 enterprises from 20 provinces (districts, cities) | 150 | 18 | 12.0% | Sensory, leakage. |

| | Category | No. of enterprises | No. of batches | Non-compliant batches | Non-compliant rate | Non-compliant parameter(s) |
|----|--|---|----------------|-----------------------|--------------------|---|
| 11 | Paper containers for food contact | 180 enterprises from 20 provinces (districts, cities) | 180 | 10 | 5.6% | Compressive strength, leakage, consumption of potassium permanganate. |
| 12 | Glass wine bottles | 120 enterprises from 14 provinces (districts, cities) | 120 | 1 | 0.8% | Impact resistance. |
| 13 | Glass food containers | 40 enterprises from 10 provinces (districts, cities) | 40 | Not found | - | - |
| 14 | Stainless steel vacuum flask | 22 enterprises from 4 provinces (cities) | 22 | Not found | - | - |
| 15 | Aluminum and aluminum alloys nonstick cookware | 22 enterprises from 3 provinces | 22 | 1 | 4.5% | Abrasion resistance of non-stick coating. |
| 16 | Disposable bamboo and wooden chopsticks | 99 enterprises from 11 provinces (districts, cities) | 100 | Not found | - | - |
| 17 | Domestic porcelain ware | 62 enterprises from 7 provinces (districts, cities) | 62 | 2 | 3.2% | Thermal shock. |
| 18 | Domestic porcelain ware ^a | 24 enterprises from 3 provinces | 24 | Not found | - | - |
| 19 | Glassware for food contact ^a | 75 enterprises from 9 provinces (cities) | 75 | Not found | - | - |
| 20 | Composite laminated food packaging bags ^a | 240 enterprises from 19 provinces (districts, cities) | 240 | 1 | 0.4% | Total solvent residue. |

Remark:

^a Those product categories were repeatedly reported in different SAMR notifications.

Sources:

http://gkml.samr.gov.cn/nsjg/zljdj/202102/t20210208_326004.html

http://gkml.samr.gov.cn/nsjg/zljdj/202101/t20210111_325105.html

http://gkml.samr.gov.cn/nsjg/zljdj/202104/t20210430_328459.html

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