



东莞标检产品检测有限公司
STC (Dongguan)

Tableware and Tabletop Testing

Heavy Metal Release Test for Ceramics/Glassware/Enamel

America

- FDA CPG 7117.06 & CPG 7117.07 metal release
- California Prop65 (interior & lip and rim & external decoration)
- SGCD Lip/rim

Canada

- Canada Consumer Products Safety Act (Glazed Ceramic and Glassware) Regulation SOR/98-176 with amendments up to SOR/2009-179
- Drinking utensil rim area $\leq 20\text{mm}$, Regulation SOR/98-176 with amendments up to SOR/2007-30

Australia

- Australia Common Wealth Consolidated Regulation No. 289, 1991 (amendment of regulation No. 90, 1956)
- AS 4371 - 2012 Ceramic tableware

European Union

- 84/500/EC & 2005/31/EC
- EN 1388 - 1 & 2

England

- BS 6748:1986 + A1:2011

Germany

- LFGB - Leachable lead and cadmium
- DIN 51032:1986 (interior & drinking utensil rim area)

French

- DGCCRF 2004 - 64 Ceramic, glass, crystal and vitro ceramic interior contact with food part
- DGCCRF 2004 - 64 Ceramic, glass, crystal and vitro ceramic drinking utensil rim area
- DGCCRF 2004 - 64 Enamelware interior contact with food
- DGCCRF 2004 - 64 Enamelware drinking utensil rim area



China

- GB 13121 - 1991 Hygienic standard of ceramic for food containers
- GB 12651 - 2003 Standard permissible limits of lead and cadmium release from ceramic ware in contact with food
- GB 8058 - 2003 Standard permissible limits and testing method for release
- GB 4804 - 84 Hygienic standard for enamel as food containers

Japan

- Japan Food Sanitation Law - Leaching Lead and Cadmium for glass, ceramic and enameled

Korea

- Food Sanitation Act (KFDA) - Metal Release

ISO

- ISO 6486 - 1 & 2:1999 Ceramic ware, glass-ceramic ware and glass dinner ware
- ISO 8391 - 1 & 2:1986 Ceramic cook ware
- ISO 7086 - 1 & 2:2000 Glass hollow ware
- ISO 4531 - 1 & 2:1998 Vitreous and porcelain enamels

Physical Test for Ceramics/Glassware

- Thermal shock
- Dishwasher safety test
- Impact test
- Microwave safety test
- Freezer to oven
- Freezer to microwave
- Craze resistance
- Water absorption
- Transparency test
- Metal marking

Tabletop Test

- Glassware hand washing
- Lid fit
- Water retention & assessment
- Knob/Handle temperature
- Stability of free standing articles
- Pouring

Glass Test

- ASTM C148 Polariscopic examination of glass containers
- Annealing and temper number test

As the Mainland flagship of STC, STC (Dongguan) has been accredited by CNAS, CPSC and LUCIDEON (formerly CERAM). In providing the highest grade of quality testing, inspection and certification services, we offer comprehensive one-stop service to the Pearl River Delta industries to ensure your products are in compliance with relevant technical and safety requirements.



TESTING
CNAS L3428

LUCIDEON

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