



TEST REPORT

Report No. : WTF22F11228525C
Applicant : Mid Ocean Brands B.V.
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,
Kowloon, Hong Kong
Manufacturer : 107561
Sample Name : Espresso cup and saucer
Sample Model : MO9634
Test Requested : 1) Determination of Lead content in the submitted sample in
accordance with REACH regulation Annex XVII Entries 63
(EC) No. 1907/2006 and the amendment No. 836/2012 and
(EU) 2015/628
2) Client's requirements - Resistance to microwave
3) Client's requirements - Dishwasher safe test
Test Conclusion : Refer to next page (s)
Date of Receipt sample : 2022-11-14
Testing period : 2022-11-14 to 2022-11-22
Date of Issue : 2022-11-28
Test Result : Refer to next page (s)

Prepared By:
Waltek Testing Group (Foshan) Co., Ltd.

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,
Chencun, Shunde District, Foshan, Guangdong, China
Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing.Liang



Report No.: WTF22F11228525C

Sample photo:



WALTEK



Report No.: WTF22F11228525C

Test Results:

1) Lead (Pb)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

| Test Item | LOQ (mg/kg) | Results (mg/kg) | Limit (mg/kg) |
|-------------------|----------------|-----------------|------------------|
| | | No.1 | |
| Lead(Pb) | 2 | 79 | 500 |
| Conclusion | -- | Pass | -- |

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.

WALTEK



Report No.: WTF22F11228525C

2) Microwave Safe (BS EN 15284:2007)

| | | |
|------------------|---|---|
| Test Standard | : | BS EN 15284:2007 Test Method for the Resistance to Microwave Heating of Ceramic, Glass, Glass-Ceramic or Plastic Cookware |
| Test Requirement | : | 1. Ceramic items shall display no signs of cracking, crazing, scaling or colour. |
| | | 2. Glass, Glass ceramic items shall display no signs of cracking, scaling or colour. |
| | | 3. Plastic items shall display no signs of cracking, colour, melting, deformation, suitability for re-use of charring. |
| | | 4. The maximum surface temperature of handles (if applicable) after the short period heating shall not exceed: a. Ceramic, Glass, Glass-ceramic = 56°C b. Plastic = 60°C |
| Conclusion(s) | : | PASS , Details as following 1. No visible damage was found on all tested samples after testing. 2. No arcing was observed on all tested samples during testing. 3. Surface temperature at the handle of the tested samples did not exceed the maximum as specified by the Standard (see test data). |

Test Data:

Sample No.1

| Test Period | Location | Highest Temperature (°C) | | | Requirement |
|--------------------------------|-----------------|--------------------------|----------|----------|----------------|
| | | Sample 1 | Sample 2 | Sample 3 | |
| After the Short Period Heating | Handle | 30.2 | 30.6 | 31.9 | Ceramic ≤ 56°C |
| | Surface of body | 37.2 | 36.5 | 36.7 | |
| After the Long Period Heating | Handle | 50.0 | 53.0 | 45.7 | / |
| | Surface of body | 71.4 | 65.9 | 67.5 | |

Sample No.2

| Test Period | Location | Highest Temperature (°C) | | | Requirement |
|--------------------------------|-----------------|--------------------------|----------|----------|----------------|
| | | Sample 1 | Sample 2 | Sample 3 | |
| After the Short Period Heating | Handle | 31.0 | 31.5 | 33.2 | Ceramic ≤ 56°C |
| | Surface of body | 33.3 | 34.7 | 36.4 | |
| After the Long Period Heating | Handle | 56.3 | 45.6 | 52.1 | / |
| | Surface of body | 66.7 | 57.8 | 58.4 | |



Report No.: WTF22F11228525C

3) Dishwasher Safe Test (In House Method)

| | | |
|-------------------------------|---|---|
| No. of Cycles | : | (10) cycles (sample No.1&No.2) |
| Dishwasher | : | Siemens SD6P1S |
| Detergent Brand | : | Cascade |
| Washing condition | : | |
| 1. Cycle Time | : | ~ 90 Minutes. |
| 2. Cycle Water Temperature | : | Main Wash ~ 140°F (60°C) Rinse ~ 161°F (72°C) |
| 3. Location inside dishwasher | : | Bottom rack |
| Testing Procedure | : | 1) Visually inspect sample and record any aesthetic defects. 2) Load into the dishwasher and run the wash cycle as per the above condition. 3) Examine from a distance of ~ 30cm and record any difference as compared with the control sample. 4) Repeat 2) ~ 3) until the required number of cycle is completed. |
| Test Requirement | : | No discoloration, deformation, staining of water (water mark), or substantial deterioration of item's appearance and/or function. |
| Conclusion(s) | : | PASS 1. No noticeable change in appearance / size was found on the sample(s) 2. The tested sample(s) remained functional |

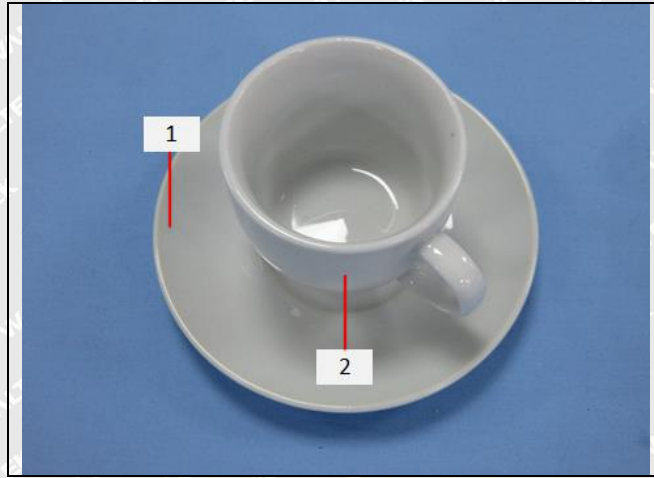
Description for Specimen:

| Specimen No. | Specimen Description |
|--------------|----------------------|
| 1 | White ceramic tray |
| 2 | White ceramic cup |



Report No.: WTF22F11228525C

Photograph of parts tested:



WALTEK



Report No.: WTF22F11228525C

Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
2. This test report cannot be reproduced, except in full, without prior written permission of the company;
3. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver;
4. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which Waltek hasn't verified;
5. If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.
6. The sample material information (Model No. information) is provided by client, not verified by test laboratory. The samples of reference Model No. are not tested. Test laboratory not responsible for the accuracy, appropriateness, completeness and authenticity of the information provided by client.

===== End of Report =====

WALTEK