





# TEST REPORT

PETRAGEOUS DESIGNS LTD  
 250 BALLARDVALE STEET SUITE 1A WILMINGTON  
 MA 01887

**LAB LOCATION:** SHENZHEN  
**LAB NUMBER:** (8525)115-0421

**ATTN:** BRAIN GEORGE  
**CC:** BRAIN @PETRAGEOUSDESIGNS.COM

**DATE IN:** April 25, 2025  
**MOD. LOG IN:** April 28, 2025  
**DATE OUT:** May 08, 2025  
**REVISED DATE:** /  
**WORKING DAYS:** 6  
**PAGE:** 2 OF 22

| OVERALL RATING |                   |
|----------------|-------------------|
| PASS           | <u>    X    </u>  |
| FAIL           | <u>          </u> |
| DATA           | <u>          </u> |

**TESTING FOR**  
**TABLEWARE MARKING - CALIFORNIA HEALTH AND SAFETY CODE SECTION**  
**108870**  
**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (INTERIOR) -**  
**CALIFORNIA PROPOSITION 65 CA25249.5 & 25249.6-AS CLIENT'S**  
**REQUIREMENT**  
**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES - CALIFORNIA**  
**HEALTH AND SAFETY CODE 108860, CALIFORNIA TABLEWARE SAFETY LAW-**  
**AS CLIENT'S REQUIREMENT**  
**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (FDA CPG 7117.06**  
**& 7117.07)**

|                             |   |                                |   |
|-----------------------------|---|--------------------------------|---|
| <b>Sample Description:</b>  | SUSHI BOWL 5" SHALLOW TEAL, 1.75" CUPS, 5" KITTY & FISH SAUCER, LIGHT TAUPE/ BLACK, SNOBBY CATS 5" BOWL, MEOW KITTY DUO DINNER WHITE, KITY AND FISH BONE OVAL |                                |   |
| <b>Manufacturer:</b>        | SHANTOU PET DESIGN<br>MANUFACTURER<br>SHANTOU S E Z CHINA   | <b>P.O. No.:</b>               | /   |
| <b>Buyer:</b>               | PETRAGEOUS DESIGNS<br>LTD   | <b>Style:</b>                  | 16043, 16069, 18417,<br>16038, 16070  |
| <b>Country of Origin:</b>   | CHINA   | <b>Country of Destination:</b> | UNITED STATES   |
| <b>Color:</b>               | TEAL, TAUPE/BLACK,<br>WHITE/PINK,<br>WHITE/BLACK,<br>TAUPE/BLACK  | <b>SKU Number:</b>             | 16043, 16069, 18417,<br>16038, 16070  |
| <b>Re-test:</b>             | <b>Yes:</b> <input type="checkbox"/> <b>No:</b> <input checked="" type="checkbox"/>   | <b>Charge Vendor:</b>          | <b>Yes:</b> <input checked="" type="checkbox"/> <b>No:</b> <input type="checkbox"/> |
| <b>Previous Report No.:</b> | /   |                                |   |



**EXECUTIVE SUMMARY:**

**SUMMARY OF TEST RESULTS**

| <b>TEST REQUESTED</b>  | <b>CONCLUSION</b> | <b>REMARK</b>    |
|--|-------------------|------------------|
| Tableware marking - California health and safety code section 108870   | DATA              | SEE RESULT TABLE |
| Extractable Lead and Cadmium in Ceramicwares (Interior) - California Proposition 65 CA25249.5 & 25249.6-As Client's Requirement                  | PASS              | SEE RESULT TABLE |
| Extractable Lead and Cadmium in Ceramicwares - California Health and Safety Code 108860, California Tableware Safety Law-As Client's Requirement | PASS              | SEE RESULT TABLE |
| Extractable lead and cadmium in ceramicwares (FDA CPG 7117.06 & 7117.07)   | PASS              | SEE RESULT TABLE |

**TEST RESULT**

| <b>Evaluation</b> | <b>Method</b>                                    | <b>Criteria</b>  | <b>Result</b>          | <b>Rating</b> |
|-------------------|--|--|------------------------|---------------|
| Tableware marking | California health and safety code section 108870 | <p>All tableware items distributed in the State of California with lead or cadmium intentionally added or which are unintentionally contaminated must be permanently and indelibly marked with the name, or if the item is too small, a registered trademark, of the manufacturer or importer.</p> <p>Tableware is defined as glazed ceramic, enamel metalware, or pewter article, container, or utensil which may be used in the preparation, serving, or storage of food or drink.</p> <p>Note:</p> <ul style="list-style-type: none"><li>- Tableware with lead or cadmium detected in the interior test (refer results of extractable lead and cadmium in tableware test line) must be labeled.</li><li>- The marking is not required if lead and cadmium are not detected.</li><li>- Results from the lip and rim extraction test and the exterior decoration test are not evaluated for this marking requirement.</li></ul> | PRESENT ON THE PRODUCT | DATA          |

**Remark(s):**

1. No protocol is enclosed with this report.



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NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

General Enquiries:

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BUREAU VERITAS SHENZHEN CO., LTD

Sure Fu  
SENIOR TECHNICAL MANAGER  
HARDLINES DIVISION



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**RESULT:**

**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES - CALIFORNIA HEALTH AND SAFETY CODE 108860,  
CALIFORNIA TABLEWARE SAFETY LAW-AS CLIENT'S REQUIREMENT**

Test Item 1: PET BOWL-A1

Internal Depth (mm): 36

| Unit | Leaching Volume (mL) | Result (mg/L) |         |
|------|----------------------|---------------|---------|
|      |                      | Lead          | Cadmium |
| 1    | 330                  | <0.05         | <0.01   |
| 2    | 330                  | <0.05         | <0.01   |
| 3    | 330                  | <0.05         | <0.01   |
| 4    | 330                  | <0.05         | <0.01   |
| 5    | 330                  | <0.05         | <0.01   |
| 6    | 330                  | <0.05         | <0.01   |

| Category         | Maximum Allowable Limit (mg/L) |         | Conclusion | REMARK           |
|------------------|--------------------------------|---------|------------|------------------|
|                  | Lead                           | Cadmium |            |                  |
| Small Hollowware | 2.0                            | 0.5     | PASS       | Any 1 of 6 units |

Note: "<" = less than  
mL = milliliter  
mg/L = milligrams per liter

Method: AOAC 973.32 (2007). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: \*Limit of Cadmium is referred to the limit of small hollowware or large hollowware for which depends on the capacity of the sample.



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (INTERIOR) - CALIFORNIA PROPOSITION 65  
CA25249.5 & 25249.6-AS CLIENT'S REQUIREMENT**

**Sample Description:** PET BOWL-A1

**Internal Depth (mm):** 36

| Unit           | Leaching Volume (ml) | Concentration (mg/L) |         |
|----------------|----------------------|----------------------|---------|
|                |                      | Lead                 | Cadmium |
| 1              | 330                  | <0.05                | <0.01   |
| 2              | 330                  | <0.05                | <0.01   |
| 3              | 330                  | <0.05                | <0.01   |
| 4              | 330                  | <0.05                | <0.01   |
| 5              | 330                  | <0.05                | <0.01   |
| 6              | 330                  | <0.05                | <0.01   |
| <b>AVERAGE</b> | 330                  | <0.05                | <0.01   |

| Classification          |   | Limits (mg/L) |         | Conclusion  | Remark                    |
|-------------------------|---|---------------|---------|-------------|---------------------------|
|                         |   | Lead          | Cadmium |             |                           |
| <i>Small Hollowware</i> | Y | 0.100         | 0.189   | <b>PASS</b> | <i>Average of 6 units</i> |

Note: < = less than  
ml = milliliter  
mg/L = milligrams per liter  
Y = Yes

Method: With reference to AOAC 973.32 (2007)/ASTM C738-94(2016). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: If shipment is less than 2000, 6 units are tested. If shipment is greater than or equal to 2000, 12 units are tested.

**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES**

(FDA CPG 7117.06 & 7117.07)

**ATOMIC ABSORPTION SPECTROPHOTOMETRIC/ICP-OES METHOD**

(AOAC 973.32 /ASTM C738-94(2016))

|                      |  |
|----------------------|--|
| Sample Description:  | <b>PET BOWL-A1</b>                     |
| Instrument ID:       | Atomic Absorption Spectrometer/ICP-OES |
| Internal Depth (mm): | 36                                     |

**RESULT:**

| Concentration of Pb<br>(ppm, mg/L) | Concentration of Cd<br>(ppm, mg/L) | Leaching Volume of<br>Ceramic Ware (mL) |
|------------------------------------|------------------------------------|---|
| <0.050                             | <0.010                             | 330                                     |
| <0.050                             | <0.010                             | 330                                     |
| <0.050                             | <0.010                             | 330                                     |
| <0.050                             | <0.010                             | 330                                     |
| <0.050                             | <0.010                             | 330                                     |
| <0.050                             | <0.010                             | 330                                     |

|                                      |        |        |
|--------------------------------------|--------|--------|
| Maximum Concentration<br>(ppm, mg/L) | <0.050 | <0.010 |
|--------------------------------------|--------|--------|

| Classification   | Y/N | Limits<br>(Pb, ppm) | Limits<br>(Cd, ppm) | Conclusion  | Remark           |
|------------------|-----|---------------------|---------------------|-------------|------------------|
| Small Hollowware | Y   | 2.0                 | 0.50                | <b>PASS</b> | Any 1 of 6 units |

*Remark:*

*Refer the limits of Cd for cups & mugs and pitchers to the limits for small hollowware and large hollowware, respectively.*



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES - CALIFORNIA HEALTH AND SAFETY CODE 108860,  
CALIFORNIA TABLEWARE SAFETY LAW-AS CLIENT'S REQUIREMENT**

Test Item 1: PET SAUCER-A2  
Internal Depth (mm): 16

| Unit           | Leaching Volume (mL) | Result (mg/L) |         |
|----------------|----------------------|---------------|---------|
|                |                      | Lead          | Cadmium |
| 1              | 120                  | <0.05         | <0.01   |
| 2              | 120                  | <0.05         | <0.01   |
| 3              | 120                  | <0.05         | <0.01   |
| 4              | 120                  | <0.05         | <0.01   |
| 5              | 120                  | <0.05         | <0.01   |
| 6              | 120                  | <0.05         | <0.01   |
| <b>AVERAGE</b> | 120                  | <0.05         | <0.01   |

| Category | Maximum Allowable Limit (mg/L) |         | Conclusion | REMARK             |
|----------|--------------------------------|---------|------------|--------------------|
|          | Lead                           | Cadmium |            |                    |
| Flatware | 3.0                            | 0.5     | PASS       | Average of 6 units |

Note: "<" = less than  
mL = milliliter  
mg/L = milligrams per liter

Method: AOAC 973.32 (2007). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: \*Limit of Cadmium is referred to the limit of small hollowware or large hollowware for which depends on the capacity of the sample.



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (INTERIOR) - CALIFORNIA PROPOSITION 65  
CA25249.5 & 25249.6-AS CLIENT'S REQUIREMENT**

Sample Description: PET SAUCER-A2

Internal Depth (mm): 16

| Unit           | Leaching Volume (ml) | Concentration (mg/L) |         |
|----------------|----------------------|----------------------|---------|
|                |                      | Lead                 | Cadmium |
| 1              | 120                  | <0.05                | <0.01   |
| 2              | 120                  | <0.05                | <0.01   |
| 3              | 120                  | <0.05                | <0.01   |
| 4              | 120                  | <0.05                | <0.01   |
| 5              | 120                  | <0.05                | <0.01   |
| 6              | 120                  | <0.05                | <0.01   |
| <b>AVERAGE</b> | 120                  | <0.05                | <0.01   |

| Classification  |   | Limits (mg/L) |         | Conclusion  | Remark                    |
|-----------------|---|---------------|---------|-------------|---------------------------|
|                 |   | Lead          | Cadmium |             |                           |
| <i>Flatware</i> | Y | 0.226         | 1.853   | <b>PASS</b> | <i>Average of 6 units</i> |

Note: < = less than  
ml = milliliter  
mg/L = milligrams per liter  
Y = Yes

Method: With reference to AOAC 973.32 (2007)/ASTM C738-94(2016). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: If shipment is less than 2000, 6 units are tested. If shipment is greater than or equal to 2000, 12 units are tested.

**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES**

(FDA CPG 7117.06 & 7117.07)

**ATOMIC ABSORPTION SPECTROPHOTOMETRIC/ICP-OES METHOD**

(AOAC 973.32 /ASTM C738-94(2016))

|                             |  |
|-----------------------------|--|
| <b>Sample Description:</b>  | <b>PET SAUCER-A2</b>                   |
| <b>Instrument ID:</b>       | Atomic Absorption Spectrometer/ICP-OES |
| <b>Internal Depth (mm):</b> | 16                                     |

**RESULT:**

| Concentration of Pb<br>(ppm, mg/L) | Concentration of Cd<br>(ppm, mg/L) | Leaching Volume of<br>Ceramic Ware (mL) |
|------------------------------------|------------------------------------|---|
| <0.050                             | <0.010                             | 120                                     |
| <0.050                             | <0.010                             | 120                                     |
| <0.050                             | <0.010                             | 120                                     |
| <0.050                             | <0.010                             | 120                                     |
| <0.050                             | <0.010                             | 120                                     |
| <0.050                             | <0.010                             | 120                                     |

|                |        |        |     |
|----------------|--------|--------|-----|
| <b>Average</b> | <0.050 | <0.010 | 120 |
|----------------|--------|--------|-----|

| Classification | Y/N | Limits<br>(Pb, ppm) | Limits<br>(Cd, ppm) | Conclusion  | Remark             |
|----------------|-----|---------------------|---------------------|-------------|--------------------|
| Flatware       | Y   | 3.0                 | 0.50                | <b>PASS</b> | Average of 6 units |

*Remark:*

*Refer the limits of Cd for cups & mugs and pitchers to the limits for small hollowware and large hollowware, respectively.*



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES - CALIFORNIA HEALTH AND SAFETY CODE 108860,  
CALIFORNIA TABLEWARE SAFETY LAW-AS CLIENT'S REQUIREMENT**

Test Item 1: PET BOWL-A3

Internal Depth (mm): 38

| Unit | Leaching Volume (mL) | Result (mg/L) |         |
|------|----------------------|---------------|---------|
|      |                      | Lead          | Cadmium |
| 1    | 375                  | <0.05         | <0.01   |
| 2    | 375                  | <0.05         | <0.01   |
| 3    | 375                  | <0.05         | <0.01   |
| 4    | 375                  | <0.05         | <0.01   |
| 5    | 375                  | <0.05         | <0.01   |
| 6    | 375                  | <0.05         | <0.01   |

| Category         | Maximum Allowable Limit (mg/L) |         | Conclusion | REMARK           |
|------------------|--------------------------------|---------|------------|------------------|
|                  | Lead                           | Cadmium |            |                  |
| Small Hollowware | 2.0                            | 0.5     | PASS       | Any 1 of 6 units |

Note: "<" = less than  
mL = milliliter  
mg/L = milligrams per liter

Method: AOAC 973.32 (2007). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: \*Limit of Cadmium is referred to the limit of small hollowware or large hollowware for which depends on the capacity of the sample.



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (INTERIOR) - CALIFORNIA PROPOSITION 65  
CA25249.5 & 25249.6-AS CLIENT'S REQUIREMENT**

**Sample Description:** PET BOWL-A3

**Internal Depth (mm):** 38

| Unit           | Leaching Volume (ml) | Concentration (mg/L) |         |
|----------------|----------------------|----------------------|---------|
|                |                      | Lead                 | Cadmium |
| 1              | 375                  | <0.05                | <0.01   |
| 2              | 375                  | <0.05                | <0.01   |
| 3              | 375                  | <0.05                | <0.01   |
| 4              | 375                  | <0.05                | <0.01   |
| 5              | 375                  | <0.05                | <0.01   |
| 6              | 375                  | <0.05                | <0.01   |
| <b>AVERAGE</b> | 375                  | <0.05                | <0.01   |

| Classification          |   | Limits (mg/L) |         | Conclusion  | Remark                    |
|-------------------------|---|---------------|---------|-------------|---------------------------|
|                         |   | Lead          | Cadmium |             |                           |
| <i>Small Hollowware</i> | Y | 0.100         | 0.189   | <b>PASS</b> | <i>Average of 6 units</i> |

Note: < = less than  
ml = milliliter  
mg/L = milligrams per liter  
Y = Yes

Method: With reference to AOAC 973.32 (2007)/ASTM C738-94(2016). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: If shipment is less than 2000, 6 units are tested. If shipment is greater than or equal to 2000, 12 units are tested.

**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES**

(FDA CPG 7117.06 & 7117.07)

**ATOMIC ABSORPTION SPECTROPHOTOMETRIC/ICP-OES METHOD**

(AOAC 973.32 /ASTM C738-94(2016))

|                      |  |
|----------------------|--|
| Sample Description:  | <b>PET BOWL-A3</b>                     |
| Instrument ID:       | Atomic Absorption Spectrometer/ICP-OES |
| Internal Depth (mm): | 38                                     |

**RESULT:**

| Concentration of Pb<br>(ppm, mg/L) | Concentration of Cd<br>(ppm, mg/L) | Leaching Volume of<br>Ceramic Ware (mL) |
|------------------------------------|------------------------------------|---|
| <0.050                             | <0.010                             | 375                                     |
| <0.050                             | <0.010                             | 375                                     |
| <0.050                             | <0.010                             | 375                                     |
| <0.050                             | <0.010                             | 375                                     |
| <0.050                             | <0.010                             | 375                                     |
| <0.050                             | <0.010                             | 375                                     |

|                                      |        |        |
|--------------------------------------|--------|--------|
| Maximum Concentration<br>(ppm, mg/L) | <0.050 | <0.010 |
|--------------------------------------|--------|--------|

| Classification   | Y/N | Limits<br>(Pb, ppm) | Limits<br>(Cd, ppm) | Conclusion  | Remark           |
|------------------|-----|---------------------|---------------------|-------------|------------------|
| Small Hollowware | Y   | 2.0                 | 0.50                | <b>PASS</b> | Any 1 of 6 units |

*Remark:*

*Refer the limits of Cd for cups & mugs and pitchers to the limits for small hollowware and large hollowware, respectively.*



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES - CALIFORNIA HEALTH AND SAFETY CODE 108860,  
CALIFORNIA TABLEWARE SAFETY LAW-AS CLIENT'S REQUIREMENT**

Test Item 1: PET BOWL-A4

Internal Depth (mm): 38

| Unit | Leaching Volume (mL) | Result (mg/L) |         |
|------|----------------------|---------------|---------|
|      |                      | Lead          | Cadmium |
| 1    | 400                  | <0.05         | <0.01   |
| 2    | 400                  | <0.05         | <0.01   |
| 3    | 400                  | <0.05         | <0.01   |
| 4    | 400                  | <0.05         | <0.01   |
| 5    | 400                  | <0.05         | <0.01   |
| 6    | 400                  | <0.05         | <0.01   |

| Category         | Maximum Allowable Limit (mg/L) |         | Conclusion | REMARK           |
|------------------|--------------------------------|---------|------------|------------------|
|                  | Lead                           | Cadmium |            |                  |
| Small Hollowware | 2.0                            | 0.5     | PASS       | Any 1 of 6 units |

Note: "<" = less than  
mL = milliliter  
mg/L = milligrams per liter

Method: AOAC 973.32 (2007). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: \*Limit of Cadmium is referred to the limit of small hollowware or large hollowware for which depends on the capacity of the sample.



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (INTERIOR) - CALIFORNIA PROPOSITION 65**  
**CA25249.5 & 25249.6-AS CLIENT'S REQUIREMENT**

Sample Description: PET BOWL-A4

Internal Depth (mm): 38

| Unit           | Leaching Volume (ml) | Concentration (mg/L) |         |
|----------------|----------------------|----------------------|---------|
|                |                      | Lead                 | Cadmium |
| 1              | 400                  | <0.05                | <0.01   |
| 2              | 400                  | <0.05                | <0.01   |
| 3              | 400                  | <0.05                | <0.01   |
| 4              | 400                  | <0.05                | <0.01   |
| 5              | 400                  | <0.05                | <0.01   |
| 6              | 400                  | <0.05                | <0.01   |
| <b>AVERAGE</b> | 400                  | <0.05                | <0.01   |

| Classification          |   | Limits (mg/L) |         | Conclusion  | Remark                    |
|-------------------------|---|---------------|---------|-------------|---------------------------|
|                         |   | Lead          | Cadmium |             |                           |
| <i>Small Hollowware</i> | Y | 0.100         | 0.189   | <b>PASS</b> | <i>Average of 6 units</i> |

Note: < = less than  
ml = milliliter  
mg/L = milligrams per liter  
Y = Yes

Method: With reference to AOAC 973.32 (2007)/ASTM C738-94(2016). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: If shipment is less than 2000, 6 units are tested. If shipment is greater than or equal to 2000, 12 units are tested.

**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES**

(FDA CPG 7117.06 & 7117.07)

**ATOMIC ABSORPTION SPECTROPHOTOMETRIC/ICP-OES METHOD**

(AOAC 973.32 /ASTM C738-94(2016))

|                      |  |
|----------------------|--|
| Sample Description:  | <b>PET BOWL-A4</b>                     |
| Instrument ID:       | Atomic Absorption Spectrometer/ICP-OES |
| Internal Depth (mm): | 38                                     |

**RESULT:**

| Concentration of Pb<br>(ppm, mg/L) | Concentration of Cd<br>(ppm, mg/L) | Leaching Volume of<br>Ceramic Ware (mL) |
|------------------------------------|------------------------------------|---|
| <0.050                             | <0.010                             | 400                                     |
| <0.050                             | <0.010                             | 400                                     |
| <0.050                             | <0.010                             | 400                                     |
| <0.050                             | <0.010                             | 400                                     |
| <0.050                             | <0.010                             | 400                                     |
| <0.050                             | <0.010                             | 400                                     |

|                                      |        |        |
|--------------------------------------|--------|--------|
| Maximum Concentration<br>(ppm, mg/L) | <0.050 | <0.010 |
|--------------------------------------|--------|--------|

| Classification   | Y/N | Limits<br>(Pb, ppm) | Limits<br>(Cd, ppm) | Conclusion  | Remark           |
|------------------|-----|---------------------|---------------------|-------------|------------------|
| Small Hollowware | Y   | 2.0                 | 0.50                | <b>PASS</b> | Any 1 of 6 units |

*Remark:*

*Refer the limits of Cd for cups & mugs and pitchers to the limits for small hollowware and large hollowware, respectively.*



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES - CALIFORNIA HEALTH AND SAFETY CODE 108860,  
CALIFORNIA TABLEWARE SAFETY LAW-AS CLIENT'S REQUIREMENT**

Test Item 1: PET BOWL-A5

Internal Depth (mm): 27

| Unit | Leaching Volume (mL) | Result (mg/L) |         |
|------|----------------------|---------------|---------|
|      |                      | Lead          | Cadmium |
| 1    | 395                  | <0.05         | <0.01   |
| 2    | 395                  | <0.05         | <0.01   |
| 3    | 395                  | <0.05         | <0.01   |
| 4    | 395                  | <0.05         | <0.01   |
| 5    | 395                  | <0.05         | <0.01   |
| 6    | 395                  | <0.05         | <0.01   |

| Category         | Maximum Allowable Limit (mg/L) |         | Conclusion | REMARK           |
|------------------|--------------------------------|---------|------------|------------------|
|                  | Lead                           | Cadmium |            |                  |
| Small Hollowware | 2.0                            | 0.5     | PASS       | Any 1 of 6 units |

Note: "<" = less than  
mL = milliliter  
mg/L = milligrams per liter

Method: AOAC 973.32 (2007). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: \*Limit of Cadmium is referred to the limit of small hollowware or large hollowware for which depends on the capacity of the sample.



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**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES (INTERIOR) - CALIFORNIA PROPOSITION 65**  
**CA25249.5 & 25249.6-AS CLIENT'S REQUIREMENT**

Sample Description: PET BOWL-A5

Internal Depth (mm): 27

| Unit           | Leaching Volume (ml) | Concentration (mg/L) |         |
|----------------|----------------------|----------------------|---------|
|                |                      | Lead                 | Cadmium |
| 1              | 395                  | <0.05                | <0.01   |
| 2              | 395                  | <0.05                | <0.01   |
| 3              | 395                  | <0.05                | <0.01   |
| 4              | 395                  | <0.05                | <0.01   |
| 5              | 395                  | <0.05                | <0.01   |
| 6              | 395                  | <0.05                | <0.01   |
| <b>AVERAGE</b> | 395                  | <0.05                | <0.01   |

| Classification          |   | Limits (mg/L) |         | Conclusion  | Remark                    |
|-------------------------|---|---------------|---------|-------------|---------------------------|
|                         |   | Lead          | Cadmium |             |                           |
| <i>Small Hollowware</i> | Y | 0.100         | 0.189   | <b>PASS</b> | <i>Average of 6 units</i> |

Note: < = less than  
ml = milliliter  
mg/L = milligrams per liter  
Y = Yes

Method: With reference to AOAC 973.32 (2007)/ASTM C738-94(2016). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer/ICP-OES.

Remark: If shipment is less than 2000, 6 units are tested. If shipment is greater than or equal to 2000, 12 units are tested.

**EXTRACTABLE LEAD AND CADMIUM IN CERAMICWARES**

(FDA CPG 7117.06 & 7117.07)

**ATOMIC ABSORPTION SPECTROPHOTOMETRIC/ICP-OES METHOD**

(AOAC 973.32 /ASTM C738-94(2016))

|                             |  |
|-----------------------------|--|
| <b>Sample Description:</b>  | <b>PET BOWL-A5</b>                     |
| <b>Instrument ID:</b>       | Atomic Absorption Spectrometer/ICP-OES |
| <b>Internal Depth (mm):</b> | 27                                     |

**RESULT:**

| Concentration of Pb<br>(ppm, mg/L) | Concentration of Cd<br>(ppm, mg/L) | Leaching Volume of<br>Ceramic Ware (mL) |
|------------------------------------|------------------------------------|---|
| <0.050                             | <0.010                             | 395                                     |
| <0.050                             | <0.010                             | 395                                     |
| <0.050                             | <0.010                             | 395                                     |
| <0.050                             | <0.010                             | 395                                     |
| <0.050                             | <0.010                             | 395                                     |
| <0.050                             | <0.010                             | 395                                     |

|  |        |        |
|--|--------|--------|
| <b>Maximum Concentration<br/>(ppm, mg/L)</b> | <0.050 | <0.010 |
|--|--------|--------|

| Classification   | Y/N | Limits<br>(Pb, ppm) | Limits<br>(Cd, ppm) | Conclusion  | Remark           |
|------------------|-----|---------------------|---------------------|-------------|------------------|
| Small Hollowware | Y   | 2.0                 | 0.50                | <b>PASS</b> | Any 1 of 6 units |

*Remark:*

*Refer the limits of Cd for cups & mugs and pitchers to the limits for small hollowware and large hollowware, respectively.*



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Technical Report: (8525)115-0421

Page 20 of 22  
May 08, 2025

A1 (1)



A1 (2)



A1 (3)



A2 (1)





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A2 (2)



A2 (3)



A3 (1)



A3 (2)



A3 (3)



A3 (4)





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**A3 (5)**



**A3 (6)**



**A4 (1)**



**A4 (2)**



END OF REPORT