

## Test report

24W-005261(R2)



Verify Report

## Overall result

Pass

Please refer to the following pages for test result summary and notes.

## Client information

Client: Hit Promotional Products  
Address: 7150 Bryan Dairy Road  
Largo, FL 33777



## Sample information

Description: RSS 12 Oz. Vinay Stemless Wine Glass, RSS 16 Oz. Swiggy Stainless Steel Bottle, RSS 20 Oz. Himalayan Tumbler, 20 Oz. Fulton Stainless Steel Mug

SKU no.: 5661 (RSS), 5706 (RSS), 5790 (RSS), 50014

Assortment: 5661 - 7 Colors, 5706 - 8 Colors,  
5 colors, 50014 - 4 Colors

Coun

Country of distribution: United States

Quantity submitted: 4 pcs per style + 4 pcs per style +  
a lot parts

Purchase order no.: 669449, 669450, 669452,  
668570

Agent: 1 - GrowthSonic

Labeled age grade: -

Recommended age grade: -

Tested age grade: -

## General information

Sample receipt date: 15-Apr-2024

Report date: 29-Jul-2024

Testing period: 16-Apr-2024 to 26-Apr-2024,  
09-May-2024 to 11-May-2024

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

Chemical Laboratory Manager



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 1 of 23



## Result summary

At the request of the client, the following test were conducted:

| Test(s) conducted                                                                        | Conclusion |
|------------------------------------------------------------------------------------------|------------|
| CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings               | Pass       |
| CPSIA Section 101, Total Lead in Substrate Materials                                     | Pass       |
| California Proposition 65, Total Lead in Paints and Surface Coatings                     | Pass       |
| California Proposition 65, Total Lead in Substrate Materials                             | Pass       |
| Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content | Pass       |
| Client's Requirement, Bisphenol A and Bisphenol S                                        | Pass       |
| FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers               | Pass       |
| FDA 21 CFR 177.1210, Closures with Sealing Gaskets                                       | Pass       |
| FDA 21 CFR 177.1520, Polypropylene Copolymers                                            | Pass       |
| FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers                 | Pass       |
| FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers                           | Pass       |

### Note:

By client's request, selected components were conducted for all chemical testing.

<sup>§</sup>Revised information and supersedes the previous report 24W-005261(R1).



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China



## Detailed results

### CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.    | 5+7+8             | 9+10+11           | 12+15+16          | 17+18+19          | 20+21+25          | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | 48                | 50                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 26+29+30          | 31+32+33          | 34+35+36          | 37+38+39          | 40+45             | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 48+50+53          | ---               | ---               | ---               | ---               | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ---               | ---               | ---               | ---               | 90               |
| Conclusion      | Pass              | ---               | ---               | ---               | ---               |                  |

#### Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 3 of 23



## Detailed results

### CPSIA Section 101, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.    | 1+13+22           | 2+23+42           | 3                 | 4                 | 6                 | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 100              |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 27+28+41          | 43+47             | 46+51             | 49+52             | 54                | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 100              |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 55+56+57          | 58+59             | ---               | ---               | ---               | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ---               | ---               | ---               | 100              |
| Conclusion      | Pass              | Pass              | ---               | ---               | ---               |                  |

#### Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 4 of 23



## Detailed results

### California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.    | 5+7+8             | 9+10+11           | 12+15+16          | 17+18+19          | 20+21+25          | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | 48                | 50                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 26+29+30          | 31+32+33          | 34+35+36          | 37+38+39          | 40+45             | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 48+50+53          | ---               | ---               | ---               | ---               | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ---               | ---               | ---               | ---               | 90               |
| Conclusion      | Pass              | ---               | ---               | ---               | ---               |                  |

#### Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

#### Remark:

The specification is quoted from client's requirement.



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 5 of 23



## Detailed results

### California Proposition 65, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.    | 1+13+22           | 2+23+42           | 3                 | 4                 | 6                 | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 100              |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 27+28+41          | 43+47             | 46+51             | 49+52             | 54                | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 100              |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 55+56+57          | 58+59             | ---               | ---               | ---               | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ---               | ---               | ---               | 100              |
| Conclusion      | Pass              | Pass              | ---               | ---               | ---               |                  |

#### Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

#### Remark:

The specification is quoted from client's requirement.



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyuan Subdistrict, Binjiang District, Hangzhou, China



## Detailed results

### Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: ASTM F963-23 Clause 8.3.1  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.    | 1+13+22           | 2+23+42           | 3                 | 4                 | 5+7+8             | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | 48                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 6                 | 9+10+11           | 12+15+16          | 17+18+19          | 20+21+25          | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | 50                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 26+29+30          | 27+28+41          | 31+32+33          | 34+35+36          | 37+38+39          | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 40+45             | 43+47             | 46+51             | 48+50+53          | 49+52             | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ND                | ND                | 90               |
| Conclusion      | Pass              | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.    | 54                | 55+56+57          | 58+59             | ---               | ---               | Limit<br>(mg/kg) |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item       | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Total Lead (Pb) | ND                | ND                | ND                | ---               | ---               | 90               |
| Conclusion      | Pass              | Pass              | Pass              | ---               | ---               |                  |

#### Note:

mg/kg=Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 7 of 23



## Detailed results

### Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In house Method

Analytical Method: Liquid Chromatography-Mass Spectrometer Mass Spectrometer (LC-MS/MS)

| Specimen No.      |         | 1                 | 2                 | 13                | 22                | Limit<br>(mg/kg) |
|-------------------|---------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item         | CAS No. | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Bisphenol A (BPA) | 80-05-7 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Bisphenol S (BPS) | 80-09-1 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Conclusion        |         | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.      |         | 23                | 27                | 28                | 42                | Limit<br>(mg/kg) |
|-------------------|---------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item         | CAS No. | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Bisphenol A (BPA) | 80-05-7 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Bisphenol S (BPS) | 80-09-1 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Conclusion        |         | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.      |         | 43                | 47                | 49                | 52                | Limit<br>(mg/kg) |
|-------------------|---------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item         | CAS No. | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Bisphenol A (BPA) | 80-05-7 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Bisphenol S (BPS) | 80-09-1 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Conclusion        |         | Pass              | Pass              | Pass              | Pass              |                  |

#### Note:

mg/kg=milligram per kilogram

ND=Not Detected (Reporting limit BPA = 1mg/kg; BPS = 0.2mg/kg)



Verify Report





## Detailed results

### Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In house Method

Analytical Method: Liquid Chromatography-Mass Spectrometer Mass Spectrometer (LC-MS/MS)

| Specimen No.      |         | 55                | 56                | 57                | 58                | Limit<br>(mg/kg) |
|-------------------|---------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item         | CAS No. | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Bisphenol A (BPA) | 80-05-7 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Bisphenol S (BPS) | 80-09-1 | ND                | ND                | ND                | ND                | Not<br>Detected  |
| Conclusion        |         | Pass              | Pass              | Pass              | Pass              |                  |

| Specimen No.      |         | 59                | ---               | ---               | ---               | Limit<br>(mg/kg) |
|-------------------|---------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item         | CAS No. | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) | Result<br>(mg/kg) |                  |
| Bisphenol A (BPA) | 80-05-7 | ND                | ---               | ---               | ---               | Not<br>Detected  |
| Bisphenol S (BPS) | 80-09-1 | ND                | ---               | ---               | ---               | Not<br>Detected  |
| Conclusion        |         | Pass              | ---               | ---               | ---               |                  |

#### Note:

mg/kg=milligram per kilogram

ND=Not Detected (Reporting limit BPA = 1mg/kg; BPS = 0.2mg/kg)



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyao Subdistrict, Binjiang District, Hangzhou, China



## Detailed results

### FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers

Test Method: SN/T 2718-2010  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No.        | 3                 | 54                | ---               | ---               | ---               | Limit<br>(% m/m) |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Test Item           | Result<br>(% m/m) | Result<br>(% m/m) | Result<br>(% m/m) | Result<br>(% m/m) | Result<br>(% m/m) |                  |
| Total Chromium (Cr) | 18.44             | 18.95             | ---               | ---               | ---               | GT 16            |
| Conclusion          | Pass              | Pass              | ---               | ---               | ---               |                  |

**Note:**

% m/m = Percent by mass

GT = Greater than

**Remark:**

The limit is quoted from NSF/ANSI 51 - 2023 Section 4.2.1.2.



Verify Report





## Detailed results

### FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210

| Specimen No.                       |                |                  | 2      | RL | Limit |
|------------------------------------|----------------|------------------|--------|----|-------|
| Test Item                          | Test Condition |                  | Result |    |       |
|                                    | Temp.          | Duration         |        |    |       |
| Distilled water extractive (mg/kg) | Fill boiling   | Cooling to 100°F | ND     | 10 | 50    |
| Conclusion                         |                |                  | Pass   |    |       |

| Specimen No.                       |                |                  | 14     | RL | Limit |
|------------------------------------|----------------|------------------|--------|----|-------|
| Test Item                          | Test Condition |                  | Result |    |       |
|                                    | Temp.          | Duration         |        |    |       |
| Distilled water extractive (mg/kg) | Fill boiling   | Cooling to 100°F | ND     | 10 | 50    |
| Conclusion                         |                |                  | Pass   |    |       |

| Specimen No.                       |                |                  | 23     | RL | Limit |
|------------------------------------|----------------|------------------|--------|----|-------|
| Test Item                          | Test Condition |                  | Result |    |       |
|                                    | Temp.          | Duration         |        |    |       |
| Distilled water extractive (mg/kg) | Fill boiling   | Cooling to 100°F | ND     | 10 | 50    |
| Conclusion                         |                |                  | Pass   |    |       |

| Specimen No.                       |                |                  | 44     | RL | Limit |
|------------------------------------|----------------|------------------|--------|----|-------|
| Test Item                          | Test Condition |                  | Result |    |       |
|                                    | Temp.          | Duration         |        |    |       |
| Distilled water extractive (mg/kg) | Fill boiling   | Cooling to 100°F | ND     | 10 | 50    |
| Conclusion                         |                |                  | Pass   |    |       |

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 3.



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 11 of 23



## Detailed results

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

| Specimen No.                |                |                            | 13     | RL  | Limit       |
|-----------------------------|----------------|----------------------------|--------|-----|-------------|
| Test Item                   | Test Condition |                            | Result |     |             |
|                             | Temp.          | Duration                   |        |     |             |
| Density (g/cc)              | NA             | NA                         | 0.89   | NA  | 0.85 – 1.00 |
| n-Hexane extractive (% w/w) | 50°C           | 2 hours                    | 0.5    | 0.4 | 5.5         |
| Xylene extractive (% w/w)   | Reflux         | 2 hours or total dissolved | ND     | 1   | 30          |
| Conclusion                  |                |                            | Pass   |     |             |

#### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China



## Detailed results

### FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

| Specimen No.                |                |                            | 59     | RL  | Limit       |
|-----------------------------|----------------|----------------------------|--------|-----|-------------|
| Test Item                   | Test Condition |                            | Result |     |             |
|                             | Temp.          | Duration                   |        |     |             |
| Density (g/cc)              | NA             | NA                         | 0.89   | NA  | 0.85 – 1.00 |
| n-Hexane extractive (% w/w) | 50°C           | 2 hours                    | ND     | 0.4 | 5.5         |
| Xylene extractive (% w/w)   | Reflux         | 2 hours or total dissolved | ND     | 1   | 30          |
| Conclusion                  |                |                            | Pass   |     |             |

#### Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 13 of 23



## Detailed results

### FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers

Test Method: FDA 21 CFR 180.22 and 181.32  
Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

#### Acrylonitrile Monomers:

| Specimen No.                       |                |          | 22     | RL    | Limit |
|------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                      | Test Condition |          | Result |       |       |
|                                    | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in²) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                         |                |          | Pass   |       |       |

| Specimen No.                       |                |          | 28     | RL    | Limit |
|------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                      | Test Condition |          | Result |       |       |
|                                    | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in²) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                         |                |          | Pass   |       |       |

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 181.32 (b) (3).



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 14 of 23



## Detailed results

### FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers

Test Method: FDA 21 CFR 180.22 and 181.32  
Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

#### Acrylonitrile Monomers:

| Specimen No.                       |                |          | 56     | RL    | Limit |
|------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                      | Test Condition |          | Result |       |       |
|                                    | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in²) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                         |                |          | Pass   |       |       |

| Specimen No.                       |                |          | 58     | RL    | Limit |
|------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                      | Test Condition |          | Result |       |       |
|                                    | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in²) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                         |                |          | Pass   |       |       |

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 181.32 (b) (3).



Verify Report





## Detailed results

### FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers

Test Method: FDA 21 CFR 180.22 and 181.32  
Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

#### Acrylonitrile Monomers:

| Specimen No.                                    |                |          | 1      | RL    | Limit |
|-------------------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                                   | Test Condition |          | Result |       |       |
|                                                 | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in <sup>2</sup> ) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                                      |                |          | Pass   |       |       |

| Specimen No.                                    |                |          | 27     | RL    | Limit |
|-------------------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                                   | Test Condition |          | Result |       |       |
|                                                 | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in <sup>2</sup> ) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                                      |                |          | Pass   |       |       |

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 181.32 (b) (3).



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 16 of 23



## Detailed results

### FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers

Test Method: FDA 21 CFR 180.22 and 181.32  
Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

#### Acrylonitrile Monomers:

| Specimen No.                       |                |          | 55     | RL    | Limit |
|------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                      | Test Condition |          | Result |       |       |
|                                    | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in²) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                         |                |          | Pass   |       |       |

| Specimen No.                       |                |          | 57     | RL    | Limit |
|------------------------------------|----------------|----------|--------|-------|-------|
| Test Simulant                      | Test Condition |          | Result |       |       |
|                                    | Temp.          | Duration |        |       |       |
| 3% Acetic acid extractive (mg/in²) | 120°F          | 2 hours  | ND     | 0.001 | 0.003 |
| Conclusion                         |                |          | Pass   |       |       |

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

#### Remark:

The specification is quoted from 21 CFR 181.32 (b) (3).



Verify Report





## Specimen description

| Specimen # | Specimen description      | Location                                          |
|------------|---------------------------|---------------------------------------------------|
| 1          | Transparent plastic       | Lid (5661 black style)                            |
| 2          | Translucent soft plastic  | Sealing ring (5661 black style)                   |
| 3          | Silvery metal             | Interior (5661 black style)                       |
| 4          | Silvery metal             | Exterior (5661 black style)                       |
| 5          | Black coating             | Main body (5661 black style)                      |
| 6          | Black foam with glue      | Base pad (5661 black style)                       |
| 7          | Turquoise coating         | Main body (5661 turquoise style)                  |
| 8          | Yellow coating            | Main body (5661 yellow style)                     |
| 9          | White coating             | Main body (5661 white style)                      |
| 10         | Grey coating              | Main body (5661 grey style)                       |
| 11         | Red coating               | Main body (5661 red style)                        |
| 12         | Deep blue coating         | Main body (5661 deep blue style)                  |
| 13         | Black plastic             | Lid (5706 silvery style)                          |
| 14         | Translucent soft plastic  | Sealing ring (5706 silvery style)                 |
| 15         | Deep green coating        | Main body (5706 deep green style)                 |
| 16         | Deep red coating          | Main body (5706 deep red style)                   |
| 17         | Navy coating              | Main body (5706 navy style)                       |
| 18         | Black coating             | Main body (5706 black style)                      |
| 19         | White coating             | Main body (5706 white style)                      |
| 20         | Deep blue ink             | Raw material (main body (5706 deep blue style))   |
| 21         | Deep purple ink           | Raw material (main body (5706 deep purple style)) |
| 22         | Transparent plastic       | Slider lid (5790 brass style)                     |
| 23         | Black soft plastic        | Sealing ring (5790 brass style)                   |
| 25         | Brass ink                 | Raw material (main body (5790 brass style))       |
| 26         | Navy ink                  | Raw material (main body (5790 navy style))        |
| 27         | Transparent black plastic | Lid (5790 black style)                            |
| 28         | Transparent black plastic | Slider lid (5790 black style)                     |



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 18 of 23



## Specimen description

| Specimen # | Specimen description | Location                                             |
|------------|----------------------|------------------------------------------------------|
| 29         | Black ink            | Raw material (main body (5790 black style))          |
| 30         | Dull orange ink      | Raw material (main body (5790 dull orange style))    |
| 31         | Rufous ink           | Raw material (main body (5790 rufous style))         |
| 32         | Grey ink             | Raw material (main body (5790 grey style))           |
| 33         | Dark purple ink      | Raw material (main body (5790 dark purple style))    |
| 34         | Rose golden ink      | Raw material (main body (5790 rose golden style))    |
| 35         | White ink            | Raw material (main body (5790 white style))          |
| 36         | Dark blue ink        | Raw material (main body (5790 dark blue style))      |
| 37         | Dark red ink         | Raw material (main body (5790 dark red style))       |
| 38         | Deep turquoise ink   | Raw material (main body (5790 deep turquoise style)) |
| 39         | Red ink              | Raw material (main body (5790 red style))            |
| 40         | Dark green coating   | Main body (5790 dark green style)                    |
| 41         | White plastic        | Turn lid (50014 white style)                         |
| 42         | White soft plastic   | Turn lid stopper (50014 white style)                 |
| 43         | Grey soft plastic    | Stopper (50014 white style)                          |
| 44         | Black soft plastic   | Sealing ring (50014 white style)                     |
| 45         | White coating        | Main body (50014 white style)                        |
| 46         | Red plastic          | Turn lid (50014 red style)                           |
| 47         | Red soft plastic     | Turn lid stopper (50014 red style)                   |
| 48         | Red coating          | Main body (50014 red style)                          |
| 49         | Black soft plastic   | Turn lid stopper (50014 black style)                 |
| 50         | Black coating        | Main body (50014 black style)                        |
| 51         | Navy plastic         | Turn lid (50014 navy style)                          |
| 52         | Navy soft plastic    | Turn lid stopper (50014 navy style)                  |
| 53         | Navy coating         | Main body (50014 navy style)                         |
| 54         | Silvery metal        | Interior (5661R yellow style)                        |
| 55         | Transparent plastic  | Lid (5661R yellow style)                             |
| 56         | Transparent plastic  | Slider lid (5790R purple style)                      |





## Specimen description

| Specimen # | Specimen description      | Location                       |
|------------|---------------------------|--------------------------------|
| 57         | Transparent black plastic | Lid (5790R black style)        |
| 58         | Transparent black plastic | Slider lid (5790R black style) |
| 59         | Black plastic             | Lid (5706R silvery style)      |





## Pictures

<sup>s</sup>Sample photo:



Verify Report



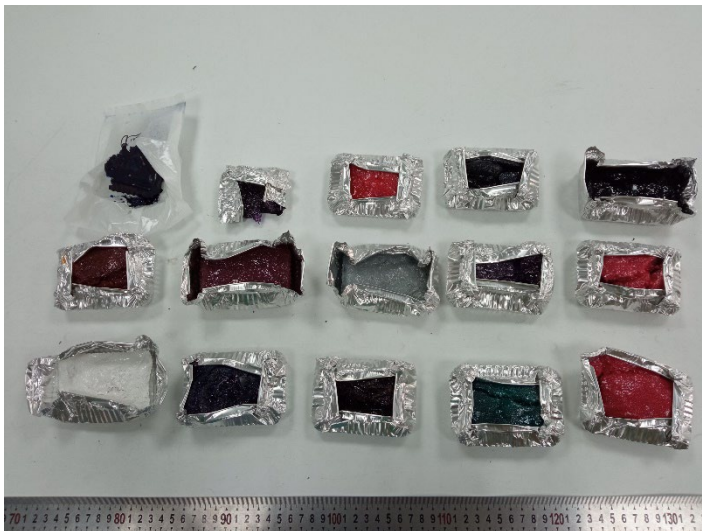
**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 21 of 23



## Pictures

<sup>s</sup>Sample photo:



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 22 of 23



## Pictures

### <sup>s</sup>Product reference photo:



The photo was provided by the client.



The photo was provided by the client.



The photo was provided by the client.

End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



Verify Report



**QIMA (Hangzhou) Testing Co., Ltd.**  
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited  
CS-HZ-RE062 ver1.0  
Page 23 of 23