



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 1 of 14

**Applicant** : Anhui Ruitu Communication Equipment Co., Ltd.  
**Address** : East of Changning Road and North of Ronghua Road, Chahe Economic Development Zone,  
Laian County, Chuzhou City, Anhui Province, China.  
**Manufacturer** : Anhui Ruitu Communication Equipment Co., Ltd.  
**Address** : East of Changning Road and North of Ronghua Road, Chahe Economic Development Zone,  
Laian County, Chuzhou City, Anhui Province, China.

The following sample(s) was /were submitted and identified on behalf of the clients as :

**Sample Name** : PP Plastic Container  
**Model No.** : 0.3L  
**Additional Model** : 0.5L, 0.75L, 0.9L, 1L, 1.5L, 2L, 2.5L, 3L, 4L, 5L, 6L, 8L, 10L, 15L, 18L, 20L, 25L  
**Sample Received Date** : Nov.02, 2025  
**Testing Period** : Nov.02, 2025 To Nov.05, 2025  
**Test Requested** : In accordance with Commission Regulation(EU)No.2017/752,  
(EU)No.2024/3190,(EU)No.2020/1245, (EU) No.10/2011, (EC) No.1935/2004 and  
materials and articles intended to come into contact with food.  
**Test Method** : Please refer to next page(s).  
**Test Result** : Please refer to next page(s).

Signed for and on behalf of



Scan QR code  
verification of authenticity

**Andy Zheng**  
Technical Director

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 2 of 14

## Result Summary:

| Test Requested                                               | Conclusion |
|--------------------------------------------------------------|------------|
| Sensory test-taste and odour to the integrate product        | Pass       |
| Overall Migration in 10% ethanol                             | Pass       |
| Overall Migration in 3% acetic acid                          | Pass       |
| Overall Migration in 50% ethanol                             | Pass       |
| Overall Migration in 20% ethanol                             | Pass       |
| Specific Migration of 19 Heavy metals in 3% acetic acid      | Pass       |
| PAH content                                                  | Pass       |
| Migration of PAH                                             | Pass       |
| Total BPA content                                            | Pass       |
| Specific Migration of Aromatic amine (PAA) in 3% acetic acid | Pass       |
| Specific Migration of Octene in olive oil                    | Pass       |
| Specific Migration of Hexene in olive oil                    | Pass       |
| Visible Color Migration                                      | Pass       |
| Specific Migration of Phthalates                             | Pass       |
| Phthalate content                                            | Pass       |

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 3 of 14

## Component list:(For chemical Test):

| No. | Component Description |
|-----|-----------------------|
| 1   | White PP              |

## Test Result(s):(No.1)

### 1.1.Sensory test-taste and odour to the integrate product

#### Sensorial examination odour and taste test

**Test Method:** Sensorial examination odour and taste test with reference to DIN 10955:2024-01;

Test condition: Odour test 70℃,2h;

Taste test: sunflower oil ,70℃,2h.

| Test Item (s)                             | Result | Limit |
|-------------------------------------------|--------|-------|
| Sensorial examination odour (Point scale) | 0      | 2.5   |
| Sensorial examination taste (Point scale) | 0      | 2.5   |

Note:

Odour/Taste Grade

0= No perceptible difference

1= Just perceivable difference(still difficult to define)

2= Slight difference

3= Marked difference

4= Strong difference

5. This part of the test is holistic test

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.

Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Tel:+86-0769-85088050

E-mail :tst@tst-test.com

Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 4 of 14

## 1.2.Overall Migration

Method: Refer to EN1186-1:2002,EN1186-3:2022

| Material | Test Condition             | Limit<br>(mg/dm <sup>2</sup> ) | Result(mg/dm <sup>2</sup> ) |     |     | Conclusion |
|----------|----------------------------|--------------------------------|-----------------------------|-----|-----|------------|
|          |                            |                                | 1st                         | 2nd | 3rd |            |
| 1        | 3% acetic acid, 70℃,2hours | 10                             | 7                           | <3  | <3  | PASS       |
|          | 10% Ethanol, 70℃,2hours    | 10                             | <3                          | <3  | <3  | PASS       |
|          | 20% Ethanol, 70℃,2hours    | 10                             | <3                          | <3  | <3  | PASS       |
|          | 50% Ethanol, 70℃,2hours    | 10                             | <3                          | <3  | <3  | PASS       |

### Note:

- 1.mg/dm<sup>2</sup> = milligram per square decimetre of surface area of material or article.
- 2.mg/kg = milligrams of the constituents released per kilogram of foodstuff.
- 3.The requirement in accordance with the Commission Regulation (EU) No.2020/1245.
- 4.Surface area/volume ratio in 0.42dm<sup>2</sup>/42mL.

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 5 of 14

## 1.3. Specific Migration of 19 Heavy metals

Method: Refer to EN 13130-1:2004, was analyzed by ICP-OES.

| Test Item(s)   | Unit  | Test conditions             | Result(Migration of) |      |      | RL    | Limit |
|----------------|-------|-----------------------------|----------------------|------|------|-------|-------|
|                |       |                             | 1st                  | 2nd  | 3rd  |       |       |
| Aluminum(Al)   | mg/kg | 70°C, 2h,<br>3 %Acetic acid | N.D.                 | N.D. | N.D. | 0.01  | 1     |
| Antimony(Sb)   | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.04  |
| Arsenic(As)    | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | N.D.  |
| Barium(Ba)     | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 1     |
| Cadmium(Cd)    | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.002 | N.D.  |
| Chromium(Cr)   | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | N.D.  |
| Cobalt(Co)     | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.05  |
| Copper(Cu)     | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 5     |
| Europium(Eu)   | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.05  |
| Gadolinium(Gd) | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.05  |
| Iron(Fe)       | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.1   | 48    |
| Lanthanum(La)  | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.05  |
| Lead(Pb)       | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | N.D.  |
| Lithium(Li)    | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.6   |
| Manganese(Mn)  | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.6   |
| Mercury(Hg)    | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | N.D.  |
| Nickel(Ni)     | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.02  |
| Terbium(Tb)    | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.01  | 0.05  |
| Zinc(Zn)       | mg/kg |                             | N.D.                 | N.D. | N.D. | 0.1   | 5     |

Note:

1. mg/kg =milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 6 of 14

## 1.4.PAH content Test Result:

Test Method: Refer to AfPS GS 2019:01 PAK, was analyzed by GC-MS.

| Compound                   | CAS No.  | Unit  | Result | RL  |
|----------------------------|----------|-------|--------|-----|
| (1) Naphthalene            | 91-20-3  | mg/kg | N.D.   | 0.2 |
| (2) Phenanthrene           | 85-01-8  | mg/kg | N.D.   | 0.2 |
| (3) Anthracene             | 120-12-7 | mg/kg | N.D.   | 0.2 |
| (4) Fluoranthene           | 206-44-0 | mg/kg | N.D.   | 0.2 |
| (5) Pyrene                 | 129-00-0 | mg/kg | N.D.   | 0.2 |
| (6)Benzo[a]anthracene      | 56-55-3  | mg/kg | N.D.   | 0.2 |
| (7)Chrysene                | 218-01-9 | mg/kg | N.D.   | 0.2 |
| (8)Benzo[b]fluoranthene    | 205-99-2 | mg/kg | N.D.   | 0.2 |
| (9)Benzo[k]fluoranthene    | 207-08-9 | mg/kg | N.D.   | 0.2 |
| (10) Benzo[e]pyrene        | 192-97-2 | mg/kg | N.D.   | 0.2 |
| (11)Benzo[a]pyrene         | 50-32-8  | mg/kg | N.D.   | 0.2 |
| (12)Indeno[1,2,3-cd]pyrene | 193-39-5 | mg/kg | N.D.   | 0.2 |
| (13)Benzo[g,h,i]perylene   | 191-24-2 | mg/kg | N.D.   | 0.2 |
| (14)Benzo[j]fluoranthene   | 205-82-3 | mg/kg | N.D.   | 0.2 |
| (15)Dibenzo[a,h]anthracene | 53-70-3  | mg/kg | N.D.   | 0.2 |
| Sum of PAHs(No.2-No.5)     | --       | mg/kg | N.D.   | --  |
| Sum of PAHs(No.1-No.15)    | --       | mg/kg | N.D.   | --  |

- Note :**
1. mg/kg=milligrams per kilogram
  2. N.D.=No Detection(<RL)
  3. RL=Reporting Limit

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 7 of 14

## AfPS GS 2019:01:Restraining maximum values for products

| Parameter                | Category 1                                                                                     | Category 2                                                                                                                       |                | Category3                                                                                                       |                |
|--------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------|----------------|
|                          | Material indented to be put in the mouth or toys with intended skin contact (longer than 30s). | Materials not falling under category 1 with foreseeable contact to skin for longer than 30S (long-term skin)or frequent contact. |                | Materials not falling under category 1or2 with foreseeable contact to skin for less than 30S (short-term skin). |                |
|                          |                                                                                                | Toy under 2009/48/EC                                                                                                             | Other products | Toy under 2009/48/EC                                                                                            | Other products |
| Naphthalene(NAP)         | <1 mg/kg                                                                                       | <2 mg/kg                                                                                                                         | <2 mg/kg       | <10 mg/kg                                                                                                       | <10 mg/kg      |
| Each of PAHs(No.6-No.15) | <0.2 mg/kg                                                                                     | <0.2 mg/kg                                                                                                                       | <0.5 mg/kg     | <0.5 mg/kg                                                                                                      | <1.0mg/kg      |
| Sum of PAHs(No.2-No.5)   | <1mg/kg                                                                                        | <5 mg/kg                                                                                                                         | <10 mg/kg      | <20 mg/kg                                                                                                       | <50 mg/kg      |
| Sum of PAHs(No.1-No.15)  | <1mg/kg                                                                                        | <5 mg/kg                                                                                                                         | <10 mg/kg      | <20 mg/kg                                                                                                       | <50 mg/kg      |

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 8 of 14

## 1.5.Migration of PAHs

Test Method: 70°C, 2H, 3 %Acetic acid, Refer to In house method, was analyzed by GC-MS.

| Compound                   | CAS No.  | RL  | Unit  | Result (Migration of) |      |      | Limit |
|----------------------------|----------|-----|-------|-----------------------|------|------|-------|
|                            |          |     |       | 1st                   | 2nd  | 3rd  |       |
| (1) Naphthalene            | 91-20-3  | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (2) Phenanthrene           | 85-01-8  | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (3) Anthracene             | 120-12-7 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (4) Fluoranthene           | 206-44-0 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (5) Pyrene                 | 129-00-0 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (6)Benzo[a]anthracene      | 56-55-3  | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (7)Chrysene                | 218-01-9 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (8)Benzo[b]fluoranthene    | 205-99-2 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (9)Benzo[k]fluoranthene    | 207-08-9 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (10) Benzo[e]pyrene        | 192-97-2 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (11)Benzo[a]pyrene         | 50-32-8  | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (12)Indeno[1,2,3-cd]pyrene | 193-39-5 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (13)Benzo[g,h,i]perylene   | 191-24-2 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (14)Benzo[j]fluoranthene   | 205-82-3 | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| (15)Dibenzo[a,h]anthracene | 53-70-3  | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 0.2   |
| Total PAHs                 | --       | 0.2 | mg/kg | N.D.                  | N.D. | N.D. | 10    |

### Note :

1. mg/kg=milligrams per kilogram
2. N.D.=No Detection(<RL)
3. RL=Reporting Limit

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.

Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Tel:+86-0769-85088050

E-mail :tst@tst-test.com

Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 9 of 14

## 1.6. Bisphenol A(BPA) Content

Method: Refer to in house Method, was analyzed by HPLC.

| Test Item(s)      | Unit  | RL   | Limit | Result |
|-------------------|-------|------|-------|--------|
| Bisphenol A (BPA) | mg/kg | 0.01 | N.D.  | N.D.   |

Note:

1. mg/kg=milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

## 1.7. Specific Migration of Aromatic amine (PAA)

Test Method: 3 %Acetic acid, 70℃, 2 hours, Refer to EN 13130-1:2004, was analyzed by HPLC.

| No.         | Name                                      | CAS No.  | Result |      |      | RL    |
|-------------|-------------------------------------------|----------|--------|------|------|-------|
|             |                                           |          | 1st    | 2nd  | 3rd  |       |
| 1           | 4-Aninobiphenyl                           | 92-67-1  | N.D.   | N.D. | N.D. | 0.002 |
| 2           | 4-Chloro-o-toluidine                      | 95-69-2  | N.D.   | N.D. | N.D. | 0.002 |
| 3           | 2-Naphthylamine                           | 91-59-8  | N.D.   | N.D. | N.D. | 0.002 |
| 4           | o-Aminoazotoluene                         | 97-56-3  | N.D.   | N.D. | N.D. | 0.002 |
| 5           | 2-Amino-4-nitrotoluene                    | 99-55-8  | N.D.   | N.D. | N.D. | 0.002 |
| 6           | p-Chloroaniline                           | 106-47-8 | N.D.   | N.D. | N.D. | 0.002 |
| 7           | 2,4-Diaminoanisole                        | 615-05-4 | N.D.   | N.D. | N.D. | 0.002 |
| 8           | 4,4'-Diaminobiphenylmethane               | 101-77-9 | N.D.   | N.D. | N.D. | 0.002 |
| 9           | 3,3'-Dichlorobenzidine                    | 91-94-1  | N.D.   | N.D. | N.D. | 0.002 |
| 10          | 3,3'-Dimethoxybenzidine                   | 119-90-4 | N.D.   | N.D. | N.D. | 0.002 |
| 11          | 3,3'-Dimethylbenzidine                    | 119-93-7 | N.D.   | N.D. | N.D. | 0.002 |
| 12          | 3,3'-Dimethyl-4,4'-diaminobiphenylmethane | 838-88-0 | N.D.   | N.D. | N.D. | 0.002 |
| 13          | p-Cresidine                               | 120-71-8 | N.D.   | N.D. | N.D. | 0.002 |
| 14          | 4,4'-Methylene-bis- (2-chloroaniline)     | 101-14-4 | N.D.   | N.D. | N.D. | 0.002 |
| 15          | 4,4'-Oxydianiline                         | 101-80-4 | N.D.   | N.D. | N.D. | 0.002 |
| 16          | 4,4'-Thiodianiline                        | 139-65-1 | N.D.   | N.D. | N.D. | 0.002 |
| 17          | o-Toluidine                               | 95-53-4  | N.D.   | N.D. | N.D. | 0.002 |
| 18          | 2,4-Toluyldiamine                         | 95-80-7  | N.D.   | N.D. | N.D. | 0.002 |
| 19          | 2,4,5-Trimethylaniline                    | 137-17-7 | N.D.   | N.D. | N.D. | 0.002 |
| 20          | o-Anisidine                               | 90-04-0  | N.D.   | N.D. | N.D. | 0.002 |
| 21          | 2,4-Xylidine                              | 95-68-1  | N.D.   | N.D. | N.D. | 0.002 |
| 22          | 2,6-Xylidine                              | 87-62-7  | N.D.   | N.D. | N.D. | 0.002 |
| 23          | m-phenylenediamine                        | 108-45-2 | N.D.   | N.D. | N.D. | 0.002 |
| Sum of PAAs |                                           | -        | N.D.   | N.D. | N.D. | 0.01  |

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.

Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Tel: +86-0769-85088050

E-mail: tst@tst-test.com

Http: www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 10 of 14

Note:

1. mg/kg=milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

## 1.8. Specific Migration of Octene in olive oil

| Test Item(s)                 | Simulant Used | Test Condition | RL    | Result(mg/kg) |      |      | Limit(mg/kg) |
|------------------------------|---------------|----------------|-------|---------------|------|------|--------------|
|                              |               |                |       | 1st           | 2nd  | 3rd  |              |
| Specific Migration of Octene | olive oil     | 70°C, 2 hours  | 0.020 | N.D.          | N.D. | N.D. | 0.020        |

Note:

1. mg/kg=milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

## 1.9. Specific Migration of Hexene in olive oil

| Test Item(s)                 | Simulant Used | Test Condition | RL    | Result(mg/kg) |      |      | Limit(mg/kg) |
|------------------------------|---------------|----------------|-------|---------------|------|------|--------------|
|                              |               |                |       | 1st           | 2nd  | 3rd  |              |
| Specific Migration of Hexene | olive oil     | 70°C, 2 hours  | 0.020 | N.D.          | N.D. | N.D. | 0.020        |

Note:

1. mg/kg=milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

## 1.10. Visible Color Migration

| Test Item(s)            | Simulant Used   | Test Condition | Result(Grade) |
|-------------------------|-----------------|----------------|---------------|
| Visible Color Migration | Distilled water | 23°C, 24h      | 5             |
|                         | 3% acetic acid  | 23°C, 24h      | 5             |
|                         | Saliva          | 23°C, 24h      | 5             |

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.

Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Tel:+86-0769-85088050

E-mail :tst@tst-test.com

Http:www.tst-test.com



# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 11 of 14

## 1.11. Migration of Phthalates

Method: 95 %Ethanol,60℃,2hours, Refer to EN 13130-1:2004, was analyzed by GC-MS

| Test Item(s)                                           | Unit  | RL  | Result | Limit |
|--------------------------------------------------------|-------|-----|--------|-------|
| Dibutyl Phthalate(DBP)                                 | mg/kg | 0.2 | N.D.   | 0.3   |
| Benzylbutyl Phthalate (BBP)                            | mg/kg | 0.2 | N.D.   | 30    |
| Di-(2-ethylhexyl) Phthalate(DEHP)                      | mg/kg | 0.2 | N.D.   | 1.5   |
| Dipentyl phthalate(DAP)                                | mg/kg | 0.2 | N.D.   | N.D.  |
| Diisodecyl Phthalate (DIDP)                            | mg/kg | 0.2 | N.D.   | --    |
| Diisononyl Phthalate(DINP)                             | mg/kg | 0.2 | N.D.   | --    |
| Diisodecyl Phthalate (DIDP)+Diisononyl Phthalate(DINP) | mg/kg | 0.2 | N.D.   | 9     |

Note:

1. mg/kg=milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

## 1.12. Phthalate content

Method:Refer to in house method, was analyzed by GC-MS

| Test Item(s)                      | Unit  | Result | RL  | Limit |
|-----------------------------------|-------|--------|-----|-------|
| Dibutyl Phthalate(DBP)            | mg/kg | N.D.   | 30  | 500   |
| Benzylbutyl Phthalate (BBP)       | mg/kg | N.D.   | 30  | 1000  |
| Di-(2-ethylhexyl) Phthalate(DEHP) | mg/kg | N.D.   | 30  | 1000  |
| Diisononyl Phthalate(DINP)        | mg/kg | N.D.   | 100 | 1000  |
| Diisodecyl Phthalate (DIDP)       | mg/kg | N.D.   | 100 | 1000  |

Note:

1. mg/kg=milligrams per kilogram
2. N.D. = Not Detected (<RL)
3. RL=Reporting Limit

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.

Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

Tel:+86-0769-85088050

E-mail :tst@tst-test.com

Http:www.tst-test.com



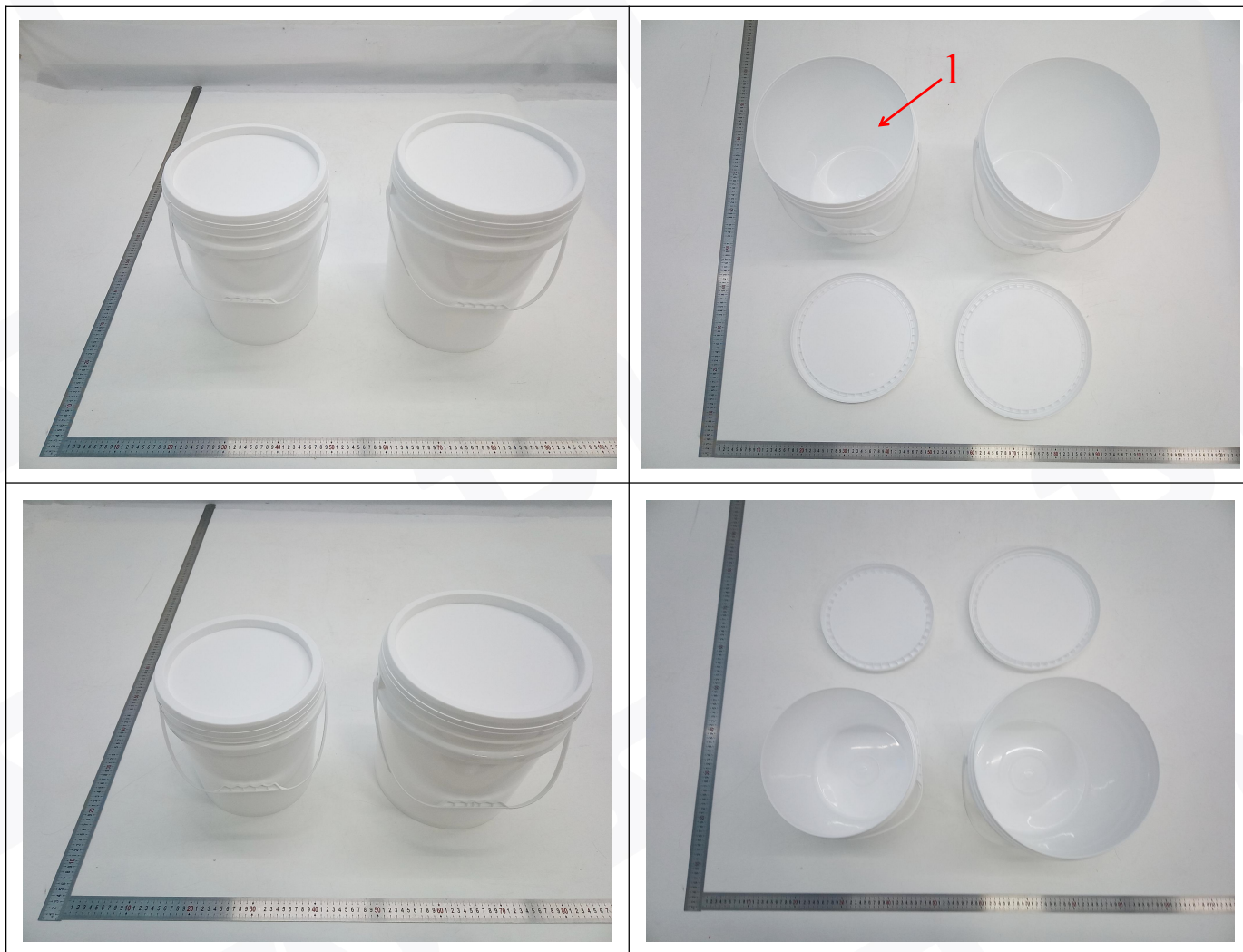
# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 12 of 14

## Sample pictures:



This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com

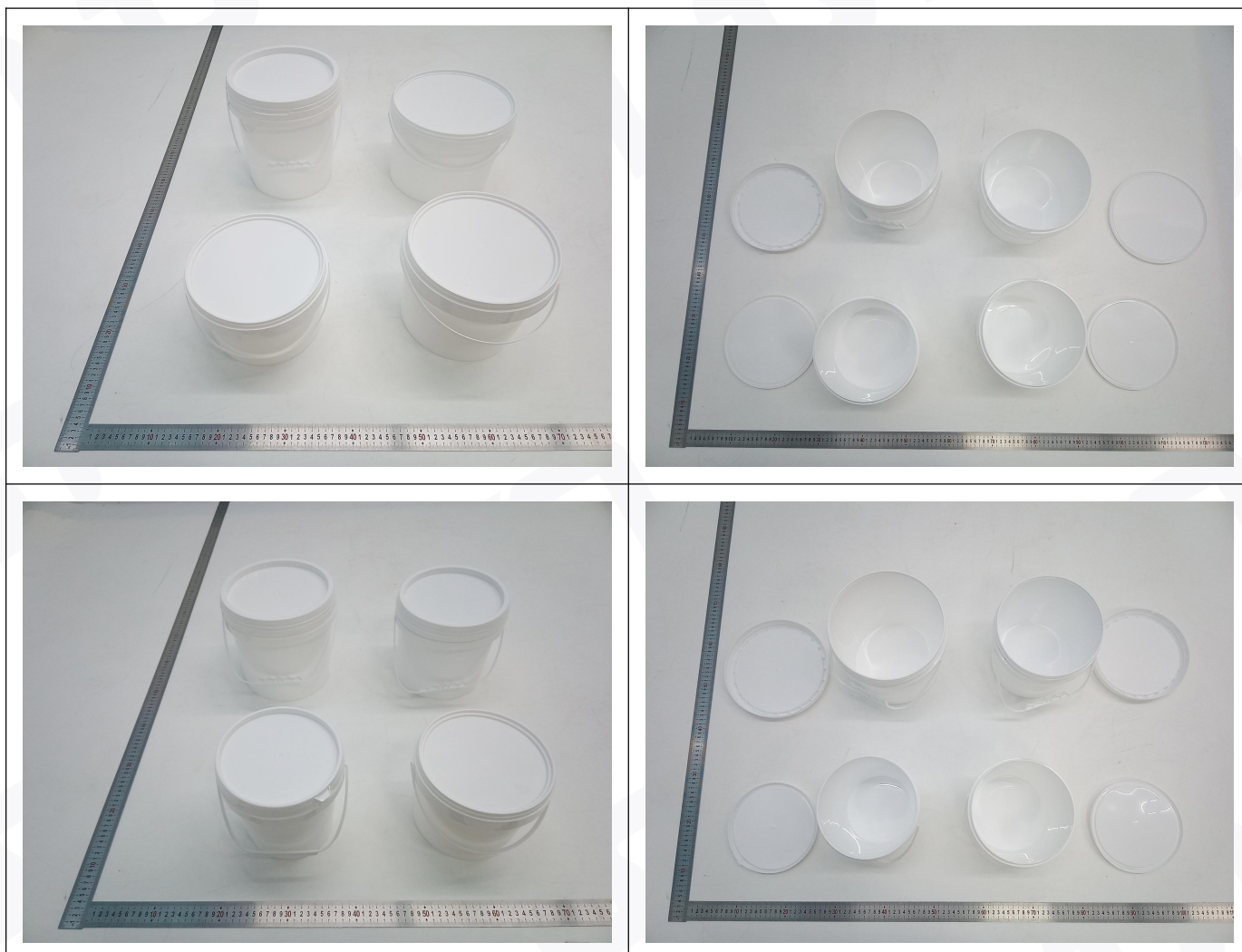


# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 13 of 14



This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com

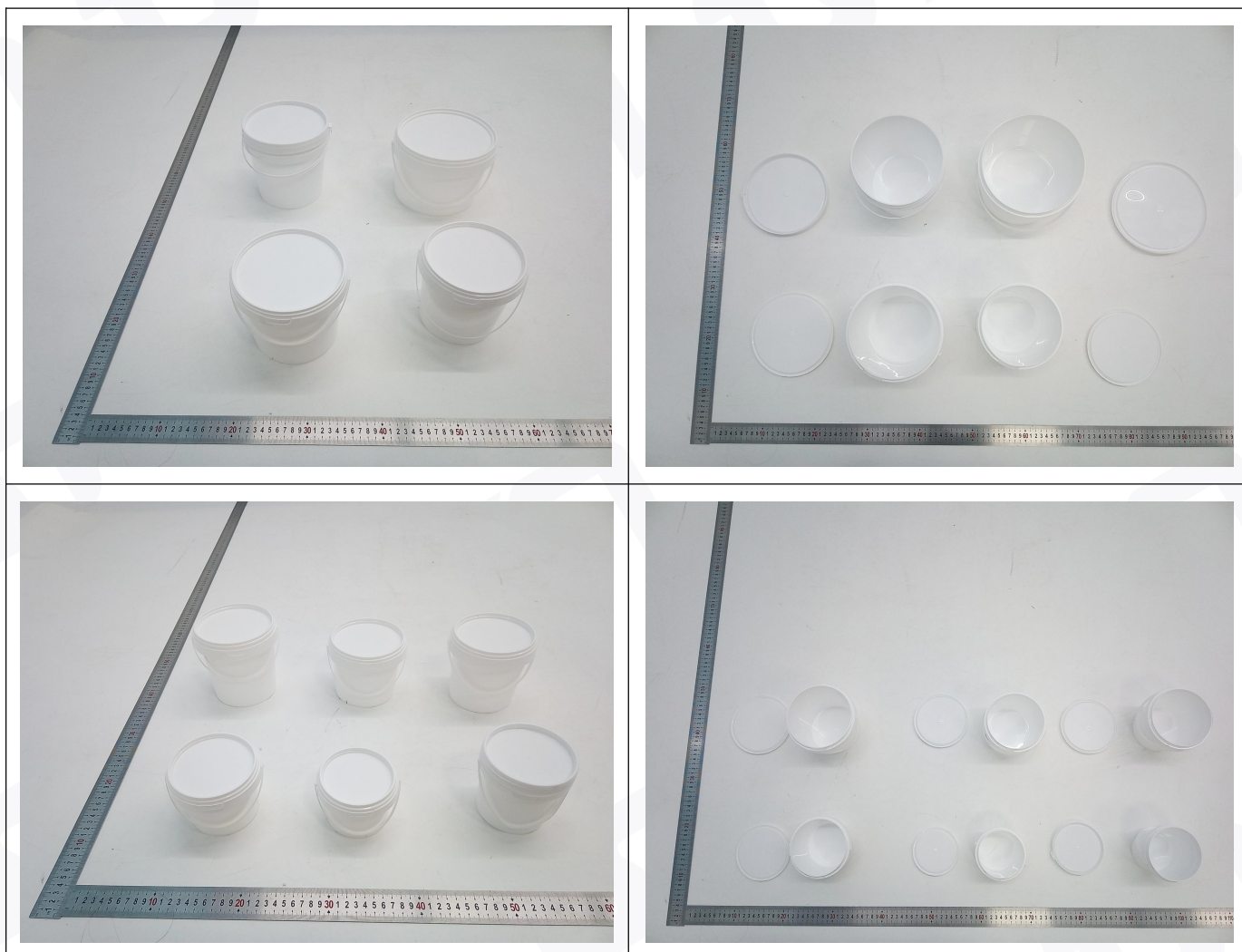


# Test Report

Report No : TST25235600064CR

Date: Nov.05, 2025

Page 14 of 14



\*\*\* End of Report \*\*\*

This report shall not be altered, increased or deleted. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Dongguan True Safety Testing Co., Ltd.  
Room 201, No.20, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China  
Tel:+86-0769-85088050 E-mail :tst@tst-test.com Http:www.tst-test.com

