



**CENTRE OF TESTING SERVICE  
INTERNATIONAL**

**OPERATE ACCORDING TO ISO/IEC 17025**

# **TEST REPORT**

**Test Report Number : CNB3170905-03021-C-R1**

**CTS (Ningbo) Testing Service Technology Co., Ltd.**

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**1 General Information****1.1 Application Details**

Name :  
Address :  
  
Contact : /  
Telephone :  
Fax :  
Mobile telephone : /  
Email : /

**1.2 Manufacturer & Buyer**

Manufacturer name :  
Address :  
  
Contact : /  
Telephone :  
Fax :  
Mobile telephone : /  
Email : /  
Buyer name : XINDAO B.V.

**1.3 Description of the Test Item**

Sample name : plastic mug  
Model No. : P432.362 P432.364 P432.365 P432.361  
Brand name : /  
Condition of sample(s) : EFFECTIVE

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## 2 Test Results

### 2.1 General Information

#### 2.1.1 Sample Receiving Date

Sep. 6, 2017

#### 2.1.2 Testing Period

Sep. 6, 2017 to Sep. 14, 2017

#### 2.1.3 Test Requested

Please refer to the following page(s)

#### 2.1.4 Test Method

Please refer to the following page(s)

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## 2.2 Results

### 2.2.1 Lead Content

Test Item(s)	Test Method	Test Instrument	MDL
Lead (Pb)	US EPA3050B	ICP-AES	2 mg/kg

Remark: MDL= Method Detection Limit

Sample Description		Result (mg/kg)	Limit (mg/kg)
		Lead (Pb)	
No.1*	(Blue/red/black) paint (mixed)	N.D.	100

- Note :
- 1 mg/kg = 1 ppm = 0.0001%
  - N.D. = not detected (less than MDL)
  - The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 76/769/EEC).
  - \*The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
  - The tested part of the sample was specified by client.

### 2.2.2 Cadmium Content

With reference to EN1122:2001B

Sample Description		Result (mg/kg)	Limit (mg/kg)
		Cadmium (Cd)	
No.1*	(Blue/red/black) paint (mixed)	N.D.	100

- Note :
- 1mg/kg=1ppm=0.0001%
  - N.D. = not detected (less than 2 mg/kg)
  - The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 91/338/EEC).
  - \*The Testing results are based on the mixing of the sample which applicant required, the mixed test results in this test report do not represent individual content of a single material.
  - The tested part of the sample was specified by client.

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### 2.2.3 Polycyclic Aromatic Hydrocarbon (PAHs) Content

Refer to AfPS GS 2014:01 PAK, ultrasonic extraction, followed by analysis using Gas Chromatography - Mass Spectrometry.

Sample Description	No.2	Black PP (inside)				
	No.3	Black soft TPR cover				
	CAS Number	Result (mg/kg)		Maximum permissible limit (mg/kg)		
Compounds		No.2	No.3	Category 1	Category 2	Category 3
(1) Naphthalene (NAP)	91-20-3	N.D.	1.0	<1	<2	<10
(2) Acenaphthylene (ANY)	208-96-8	N.D.	N.D.	<1	<10	<50
(3) Acenaphthene (ANA)	83-32-9	N.D.	N.D.			
(4) Fluorene( FLU)	86-73-7	N.D.	N.D.			
(5) Phenanthrene (PHE)	85-01-8	N.D.	N.D.			
(6) Anthracene (ANT)	120-12-7	N.D.	N.D.			
(7) Fluoranthene (FLT)	206-44-0	N.D.	N.D.			
(8) Pyrene (PYR)	129-00-0	N.D.	0.8			
(9) Benz(a)anthracene (BaA)	56-55-3	N.D.	N.D.	<0.2	<0.5	<1
(10) Chrysene (CHR)	218-01-9	N.D.	N.D.	<0.2	<0.5	<1
(11) Benzo(b)fluoranthene (BbF)	205-99-2	N.D.	N.D.	<0.2	<0.5	<1
(12) Benzo(k)fluoranthene (BkF)	207-08-9	N.D.	N.D.	<0.2	<0.5	<1
(13) Benzo(a)pyrene (BaP)	50-32-8	N.D.	N.D.	<0.2	<0.5	<1
(14) Indeno(1,2,3-cd) pyrene (IPY)	193-39-5	N.D.	N.D.	<0.2	<0.5	<1
(15) Dibenzo(a,h)anthracene (DBA)	53-70-3	N.D.	N.D.	<0.2	<0.5	<1
(16) Benzo(g,h,i)perylene(BPE)	191-24-2	N.D.	N.D.	<0.2	<0.5	<1
(17) Benzo(j)fluoranthene (BjF)	205-82-3	N.D.	N.D.	<0.2	<0.5	<1
(18) Benzo(e)pyrene (BeP)	192-97-2	N.D.	N.D.	<0.2	<0.5	<1
Total PAHs	- -	N.D.	1.8	<1	<10	<50

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Sample Description	No.4	Transparent silicone ring			
Compounds	CAS Number	Result (mg/kg)	Maximum permissible limit (mg/kg)		
		No.4	Category 1	Category 2	Category 3
(1) Naphthalene (NAP)	91-20-3	1.0	<1	<2	<10
(2) Acenaphthylene (ANY)	208-96-8	N.D.	<1	<10	<50
(3) Acenaphthene (ANA)	83-32-9	N.D.			
(4) Fluorene( FLU)	86-73-7	N.D.			
(5) Phenanthrene (PHE)	85-01-8	N.D.			
(6) Anthracene (ANT)	120-12-7	N.D.			
(7) Fluoranthene (FLT)	206-44-0	N.D.			
(8) Pyrene (PYR)	129-00-0	N.D.			
(9) Benz(a)anthracene (BaA)	56-55-3	N.D.	<0.2	<0.5	<1
(10) Chrysene (CHR)	218-01-9	N.D.	<0.2	<0.5	<1
(11) Benzo(b)fluoranthene (BbF)	205-99-2	N.D.	<0.2	<0.5	<1
(12) Benzo(k)fluoranthene (BkF)	207-08-9	N.D.	<0.2	<0.5	<1
(13) Benzo(a)pyrene (BaP)	50-32-8	N.D.	<0.2	<0.5	<1
(14) Indeno(1,2,3-cd) pyrene (IPY)	193-39-5	N.D.	<0.2	<0.5	<1
(15) Dibenz(a,h)anthracene (DBA)	53-70-3	N.D.	<0.2	<0.5	<1
(16) Benzo(g,h,i)perylene(BPE)	191-24-2	N.D.	<0.2	<0.5	<1
(17) Benzo(j)fluoranthene (BjF)	205-82-3	N.D.	<0.2	<0.5	<1
(18) Benzo(e)pyrene (BeP)	192-97-2	N.D.	<0.2	<0.5	<1
Total PAHs	- -	1.0	<1	<10	<50

- Note : 1. 1 mg/kg=1 ppm=0.0001%
2. Method detection limit of each of the individual compound is 0.1 mg/kg.
3. N.D. = not detected (less than MDL)
4. Category 1: Material in contact with foodstuff, or materials indented to be put in the mouth and toys for children aged <36 months  
 Category 2: Materials with foreseeable contact to skin for longer than 30 seconds (long-term skin contact) and toys not covered by category 1  
 Category 3: Materials with foreseeable contact to skin up to 30 seconds (short term skin contact) or without skin contact.
5. The tested part of the sample was specified by client.

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**2.2.4 Bisphenol-A (BPA) Content**

With reference to US EPA 3540C-2007, Analysis was performed by HPLC-DAD.

Sample Description		Result (mg/kg)	MDL(mg/kg)
		BPA	
No.2	Black PP (inside)	N.D.	2
No.3	Black soft TPR cover	N.D.	2
No.4	Transparent silicone ring	N.D.	2

Note : 1. N.D. = Not Detected (<MDL)  
2. MDL = Method Detection Limit  
3. The tested part of the sample was specified by client.  
4. The report is amended from the report CNB3170905-03021-C.  
The report CNB3170905-03021-C become invalid.

Written by:



Inspected by:



Approved by:



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

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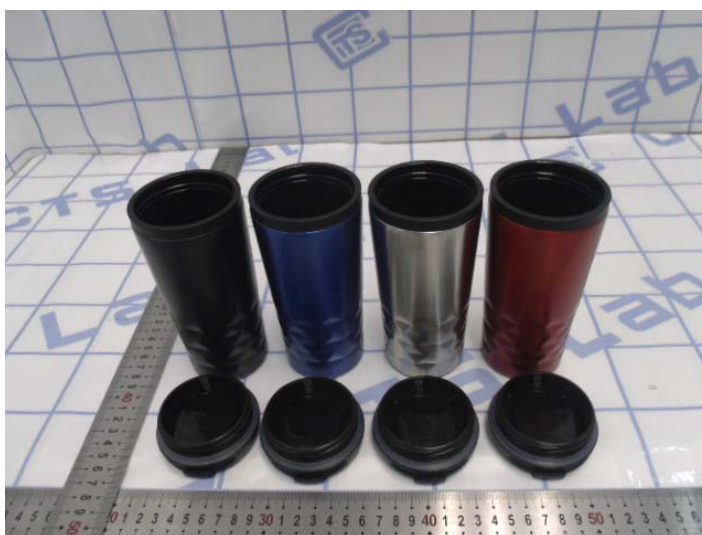
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**3 Sample Reference Photo**

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