



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TEST REPORT

Test Report Number : CGZ3161031-03600-C

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

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TEST REPORT

REPORT No. : CGZ3161031-03600-C
DATE : Oct. 31, 2016
PAGE : 1 of 7

Table of contents

1	General Information	2
1.1	Application Details	2
1.2	Manufacturer & Buyer	2
1.3	Description of the Test Item	2
2	Test Results	3
2.1	General Information	3
2.1.1	Sample Receiving Date	3
2.1.2	Testing Period	3
2.1.3	Test Requested	3
2.1.4	Test Method	3
2.2	Results	4
2.2.1	Polycyclic Aromatic Hydrocarbon (PAHs) Content	4
2.2.2	Cadmium Content	5
3	Sample Reference Photo	6

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TEST REPORT

REPORT No. : CGZ3161031-03600-C
DATE : Oct. 31, 2016
PAGE : 2 of 7

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 : /

1.3 Description of the Test Item

Sample name : VR GLASSES
Model No. : YC961
Brand name : /
Condition of sample(s) : EFFECTIVE



TEST REPORT

REPORT No. : CGZ3161031-03600-C
DATE : Oct. 31, 2016
PAGE : 3 of 7

2 Test Results

2.1 General Information

2.1.1 Sample Receiving Date

Oct. 28, 2016

2.1.2 Testing Period

Oct. 28, 2016 to Oct. 31, 2016

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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TEST REPORT

REPORT No. : CGZ3161031-03600-C
 DATE : Oct. 31, 2016
 PAGE : 4 of 7

2.2 Results

2.2.1 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.1*	White plastic / Blue plastic / Black plastic / Light green plastic(mixed)				
	No.2*	Transparent plastic / Black soft plastic / White soft plastic(mixed)				
Compounds	CAS Number	Result (mg/kg)		Maximum permissible limit (mg/kg)		
		No.1*	No.2*	Category 1	Category 2	Category 3
(1) Naphthalene (NAP)	91-20-3	0.9	1.2	<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.	N.D.			
(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	- -	0.9	1.2	<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)

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TEST REPORT

REPORT No. : CGZ3161031-03600-C
DATE : Oct. 31, 2016
PAGE : 5 of 7

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 samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.

2.2.2 Cadmium Content

With reference to EN1122:2001B

Sample Description		Result (mg/kg)	Limit (mg/kg)
		Cadmium (Cd)	
No.1*	White plastic / Blue plastic / Black plastic / Light green plastic(mixed)	N.D.	100
No.2*	Transparent plastic / Black soft plastic / White soft plastic(mixed)	N.D.	100
No.3*	Black magnet / Silvery metal tin(mixed)	N.D.	100

- Note : 1. 1mg/kg=1ppm=0.0001%
2. N.D. = not detected (less than 2 mg/kg)
3. 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).
4. * The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.

Written by: *Amanda* Inspected by: *Annie* Approved by: *hyt*

*** End of Report ***

TEST REPORT

REPORT No. : CGZ3161031-03600-C
DATE : Oct. 31, 2016
PAGE : 6 of 7

3 Sample Reference Photo

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TEST REPORT

REPORT No. : CGZ3161031-03600-C
DATE : Oct. 31, 2016
PAGE : 7 of 7



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