

Test Report

SCL03J000366002 Report No.

Page 1 of 4

Applicant Address

ZHONGSHAN FUZHOU ADHESIVE-PRODUCT CO.,LTD TORCH HIGH-TECH DEVELOPMENT ZONE, ZHONGSHAN

CITY, GUANGDONGPROVINCE CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name

铜版纸/ art paper

Client Reference Information

AL(FSC)/AL/AL-A/AL-M/AL-AR/AL-AD/AL-AM/AL-B/AL-60g/AL-65g/AL-60g/AL-65g/AL-60g/AL-60g/AL-65g/AL-60AL-90g/AL-105g/AL-120g/AL-128g/AL-140g/AL-150g/AL-160g/AL-18

AL-200g/AL-S/AL-S 300g/AL-S 250g

Sample Received Date

Jan. 19, 2017

Testing Period Jan. 19, 2017 to Jan. 23, 2017

Executive Summary:

TEST REQUEST CONCLUSION

European Standard on Safety of Toys:

EN 71-3:2013+A1:2014 Migration of certain elements

Pass

********* For Further Details, Please Refer To the Following Page(s) **********

inghong Wan Technical Manager

Reviewed by

Jan. 26, 2017 Date

No. R131020088

Report Seal

Centre Testing International Group Co.,Ltd. Shunde Branch

Yongguing Building, Section 2, No.8, East of Rongqi Avenue, Ronggui, Shunde District, Foshan, Guangdong, China

Hotline: 400-6788-333 www.cti-cert.com E-mail: info@cti-cert.com Complaint call: 0755-33681700 Complaint E-mail: complaint@cti-cert.com



Test Report

Report No. SCL03J000366002

Page 2 of 4

▼EN 71-3:2013+A1:2014 Migration of certain elements

Method(s) EN 71-3:2013+A1:2014 was/were used, and the item(s) was/were determined by ICP-OES, GC-MS.

Category Ⅲ: scraped-off toy material

Tested Item	Result	MDL	<u>Limit</u>
<u>Tested Item</u>	(mg/kg)	(mg/kg)	(mg/kg)
Aluminium (Al)	N.D.	50	70000
Antimony (Sb)	N.D.	5	560
Arsenic (As)	N.D.	5	47
Barium (Ba)	N.D.	50	18750
Boron (B)	N.D.	50	15000
Cadmium (Cd)	N.D.	1	17
Chromium (III) #1	N.D.	0.2	460
Chromium (VI)	N.D.	0.16	0.2
Cobalt (Co)	N.D.	5	130
Copper (Cu)	N.D.	50	7700
Lead (Pb)	N.D.	5	160
Manganese (Mn)	N.D.	50	15000
Mercury (Hg)	N.D.	5	94
Nickel (Ni)	N.D.	5	930
Selenium (Se)	N.D.	5	460
Strontium (Sr)	N.D.	50	56000
Tin (Sn) #2	N.D.	2	180000
Organic tin (TBT) #3	N.D.	0.05	12
Zinc (Zn)	N.D.	50	46000







Report No. SCL03J000366002

Page 3 of 4

Tested Sample/Part Description

White paper

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Filter paper was used instead of membrane filter in lab testing.
- #1 Trivalent chromium (Cr (III)) = Chromium (Cr) Hexavalent chromium (Cr (VI)), where the chromium content exceeded the limits of hexavalent chromium and/or trivalent chromium, then hexavalent chromium was analyzed by HPLC-ICP-MS/UV-Vis and trivalent chromium content was calculated using the formula.
- ^{#2} Tin (Sn) content can be used for screen test for organic tins analysis to show compliance with the requirement of EN 71-3:2013+A1:2014.
- ^{#3} The migration of organic tin is expressed as tributyltin (TBT). where the tin content exceeded the limit of organic tin, ten organic tins listed in table were determined by GC-MS and the client should be noted there are other organic tins may be present in toy materials.

Organic tins tested under	
EN 71-3:2013+A1:2014	
Methyl tin (MeT)	
Butyl tin (BuT)	
Dibutyl tin (DBT)	
Tributyl tin (TBT)	
Tetrabutyl tin (TeBT)	
n-Octyl tin (MOT)	(2)
Di-n-octyl tin (DOT)	(0,)
Di-n-propyl tin (DProT)	
Diphenyl tin (DPhT)	
Triphenyl tin (TPhT)	





Test Report

Report No. SCL03J000366002

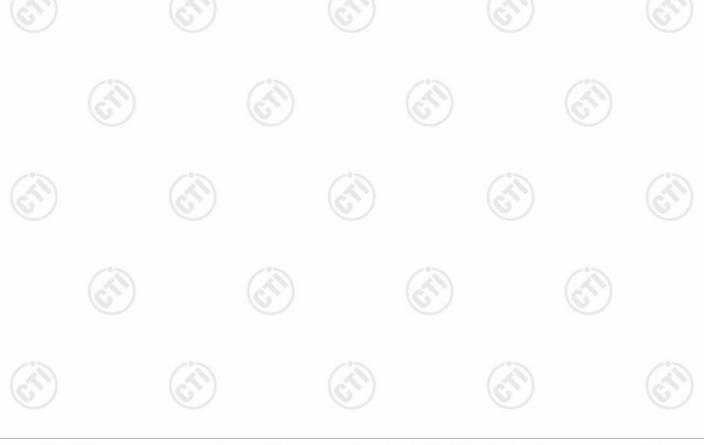
Page 4 of 4

Photo(s) of the sample(s)



*** End of report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.



Hotline: 400-6788-333 www.cti-cert.com E-mail: info@cti-cert.com Complaint call: 0755-33681700 Complaint E-mail: complaint@cti-cert.com