

Test Report

Report No. SCL03J000368001

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Applicant ZHONGSHAN FUZHOU ADHESIVE-PRODUCT CO.,LTD
Address 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 特光纸/cast coated paper
Client Reference MCL-AR/MCL-A/MCL-AD/MCL-AM/MCL-B/MCL-BM/MCL-230g/
Information MCL-160g/MCL(FSC)
Sample Received Date Jan. 19, 2017
Testing Period Jan. 19, 2017 to Jan. 23, 2017

TEST REQUEST

ASTM F963-16 Standard Consumer Safety Specification for Toy Safety

- Clause 4.3.5 Heavy elements – Total Lead content
- Clause 4.3.5 Heavy elements – Migration of certain elements

CONCLUSION

PASS

PASS

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

Tested by Huangping Huang

Approved by Qinghong Wan

Qinghong Wan
Technical Manager

Reviewed by Wenjun Wang

Date Jan. 26, 2017

No. R131024361

Centre Testing International Group Co.,Ltd. Shunde Branch
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▼ Heavy elements test - Total Lead content

As specified in ASTM F963-16 standard consumer safety specification for toy safety clause 4.3.5, acid digestion methods specified in clause 8.3 were used and total Lead content was determined by ICP-OES/AAS.

Toy substrate materials:

<u>Tested Item</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
Total Lead (Pb)	N.D.	5	100

▼ Heavy elements test - Migration of certain elements

As specified in ASTM F963-16 standard consumer safety specification for toy safety clause 4.3.5, acid extraction methods specified in clause 8.3 were used and toxic elements content were determined by ICP-OES/AAS.

<u>Tested Item</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
Soluble Antimony (Sb)	N.D.	5	60
Soluble Arsenic (As)	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	5	75
Soluble Chromium (Cr)	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	5	90
Soluble Mercury (Hg)	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	5	500

Remark:

- N.D. = Not Detected (< MDL)
- MDL = Method Detection Limit
- mg/kg = parts per million = ppm
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical correction factor
- Filter paper was used instead of 0.45µm membrane filter in lab testing.

Tested Sample/Part Description White paper

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Photo(s) of the sample(s)



*** End of report ***

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