

# Test Report

Report No. A2170035612165

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**Applicant** GREAT WORLD INK & PAINT COMPANY, LTD.,

**Address** CING HU GONG YE QU SHIH JHEN DONGGUAN GUANG DONG SHENG P.R CHINA

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

Sample Name	OPV-W-010G,011G,012G,013G
Sample Color	white
Material composition	ink
Sample Received Date	Dec. 26, 2017
Testing Period	Dec. 26, 2017 to Dec. 29, 2017

**Test Conducted:**

As requested by the applicant, for details refer to next page(s)

Tested by

*Villy Li*

Reviewed by

*Shao Xuan*

Approved by

*Yanna Cao*

Date

Dec. 29, 2017

Yanna Cao  
Lab Manager



No. S196499054

Centre Testing International Group Co.,Ltd. CTI Building, No.4, Liuxian 3rd road, Xin'an Street, Bao'an District, Shenzhen, P.R.China

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**Executive Summary:**

**TEST REQUEST**

ASTM F963-16 Standard Consumer Safety Specification for Toy Safety

- Clause 4.3.5 – Total Lead content in paint and similar surface coating materials
- Clause 4.3.5 Heavy elements – Migration of certain elements

**CONCLUSION**

**PASS**

**PASS**

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

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## ASTM F963-16 Standard Consumer Safety Specification for Toy Safety

### ▼ Clause 4.3.5 – Total Lead content in paint and similar surface coating materials

Method(s) ASTM F963-16 Clause 8.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
Total Lead (Pb)	N.D.	5	90

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

### ▼ Clause 4.3.5 Heavy elements – Migration of certain elements

Method(s) ASTM F963-16 Clause 8.3 was/were used, and the item(s) was/were determined by ICP-OES.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
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:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.
- Filter paper was used instead of 0.45µm membrane filter in lab testing.
- As specified by the client, the test result(s) was/ were based on the dry weight of the submitted sample(s).The result is to be calculated on a dry weight basis.

# Test Report

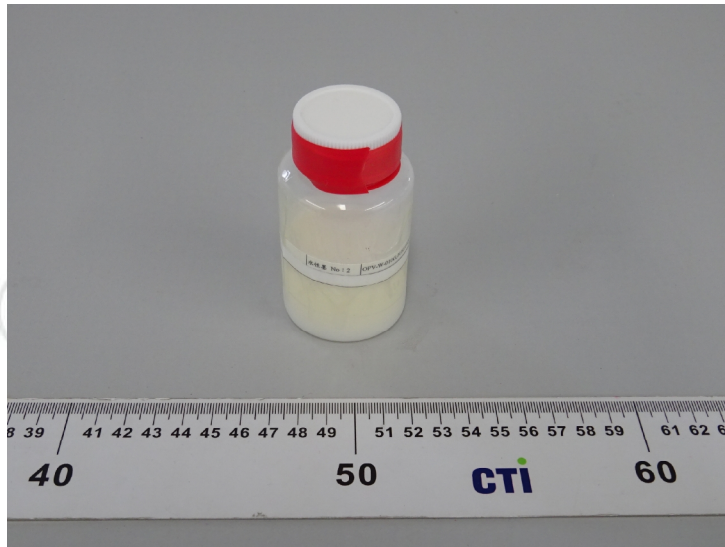
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**Tested Sample/Part Description**

001 White ink

## 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.