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TEST REPORT

: CSP INC **APPLICANT**

8248 W. ORANGE DR GLENDALE, AZ 85303 USA **ADDRESS**

SAMPLE DESCRIPTION INVISIBLE INK PEN WITH LIGHT TO ALLOW YOU

TO SEE WORDS

: K2-401 STYLE / ITEM NO.

: KIDS' KORNER **BUYER**

AGE REQUESTED ON APPLICATION FORM : 3+

: APR. 11, 2014; APR. 24, 2014 SAMPLE RECEIVED DATE

: APR. 14, 2014 TO APR. 27, 2014 **TEST PERIOD**

RESULT SUMMARY

TEST REQUESTED	RESULT
- Total Lead Content In accordance with ASTM F963-11 Standard Consumer Safety Specification for Toy Safety	PASS
 Total Lead Content according to US Consumer Product Safety Improvement Act 2008 (CPSIA). 	PASS

SIGNED FOR AND ON BEHALF OF EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO. LTD.

Inorganic Team Supervisor

Coco Luo

Organic Team Supervisor

This test report is valid for the tested samples only. Without permission

This test report does not entitle to carry his test report is not permitted to be duplicated in extracts.



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Material list

Testing material No.	Component	Material	Colour
1	Coating on pen body	Coating	Multicolor
2	Substrate of pen body and pen point	Plastic	White
3	LED	Plastic	Transparent
4	Cap and frame of LED	Plastic	Blue
5	Frame of LED	Plastic	White
6	Tube inside of pen body	Plastic	Transparent
7	Ball of pen point	Metal	Silvery

ASTM F963-11 4.3.5.1(1), Total Lead Content in Paint and Similar Surface-coating Materials

Test method : CPSC-CH-E1003-09.1

The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : 90 mg/kg – according to ASTM F963-11 Standard Consumer Safety

Specification for Toy Safety.

Detection Limit : 10 mg/kg

Test No.	Material No.	Test result (mg/kg)
Pb-1	1	N.D.



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ASTM F963-11 4.3.5.2(2)(a), Total Lead Content in Accessible Component Parts

Test method : CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3

The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : 100 mg/kg – according to ASTM F963-11 Standard Consumer Safety

Specification for Toy Safety.

Detection Limit : 10 mg/kg

Test No.	Material No.	Test result (mg/kg)
Pb-2	2	N.D.
Pb-3	3	N.D.
Pb-4	4	N.D.
Pb-5	5	N.D.
Pb-6	6	N.D.
Pb-7	7	N.D.

Note: -1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected



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Total Lead Content (CPSIA)

Test method : CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3; CPSC-CH-E1003-09.1

The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit For surface coating materials: 90 mg/kg

For non-surface coating (substrate): 100 mg/kg

- according to US Consumer Product Safety Improvement Act 2008

(CPSIA Sec.101).

Detection limit : 10 ppm

Test No.	Material No.	Test result (ppm)
Pb-1	1	N.D.
Pb-2	2	N.D.
Pb-3	3	N.D.
Pb-4	4	N.D.
Pb-5	5	N.D.
Pb-6	6	N.D.
Pb-7	7	N.D.

Note: -1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

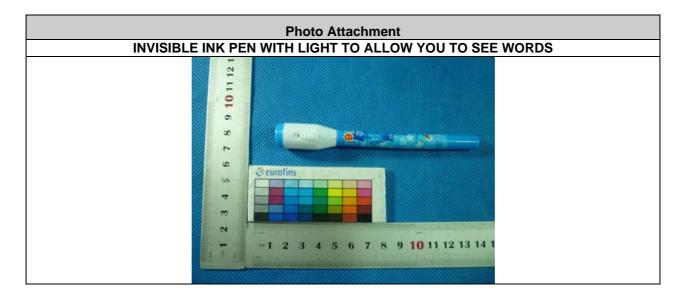
Other Information / Remark:

According to the customer's requirement, the appointed material has been tested.



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END OF THE REPORT