

TEST REPORT

APPLICANT : CSP INC
ADDRESS : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA
SAMPLE DESCRIPTION : INVISIBLE INK PEN WITH LIGHT TO ALLOW YOU TO SEE WORDS
STYLE / ITEM NO. : K2-401
BUYER : KIDS' KORNER
AGE REQUESTED ON APPLICATION FORM : 3+
SAMPLE RECEIVED DATE : APR. 11, 2014; APR. 24, 2014
TEST PERIOD : APR. 14, 2014 TO APR. 27, 2014
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

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

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



Harry Chen
Inorganic Team Supervisor



Coco Luo
Organic Team Supervisor

This test report is valid for the tested samples only. Without permission of the test center this test report is not permitted to be duplicated in extracts.
This test report does not entitle to carry any safety mark on this or similar products.



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.

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

3A, F1.6, Tianfa Building, Tian'an Cyber Park, Futian District, Shenzhen City, Guangdong, P. R. China
 Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

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

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

3A, F1.6, Tianfa Building, Tian'an Cyber Park, Futian District, Shenzhen City, Guangdong, P. R. China
Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

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.

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

3A, F1.6, Tianfa Building, Tian'an Cyber Park, Futian District, Shenzhen City, Guangdong, P. R. China
Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com



END OF THE REPORT