

# Test Report

Number : TWNC00149209

Applicant: Bigled Enterprise Co., Ltd.  
1F No. 64 Sec 1 Pao Yuan Road  
Hsien Tien Taipei Hsien  
Taiwan R.O.C.

Date : Mar 09, 2010

## Sample Description:

One (1) group of submitted samples said to be :  
Item Name : Glow Stick, Light Stick  
Item No. : Please see page two.  
Quantity : 1 group  
Country Of Origin : China  
Goods Exported To : Europe  
Date Sample Received : Feb 26, 2010  
Date Test Started : Feb 26, 2010

---

## Test Conducted:

As requested by the applicant, for details please refer to attached pages.

---

## Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	Physical and mechanical properties — EN 71 part 1:2005 and A9 : 2009 excluding clause 7.1	Pass
	Flammability test — EN 71 part 2:2006 and A1 : 2007.	Pass
Tested Components Of Submitted Samples	Toxic Elements Analysis — EN 71 Part 3: 1994 And amendment A1: 2000/ AC: 2002	Pass

Note: The attention of the applicant is drawn to the need for the item to be labeled with the name and address of the importer in EEC on the toy or on its packaging together with a CE-marking as specified in clause 7.1 of EN 71-1. If this information is not fixed to the toy itself, it should be accompanied by a notice in advising the purchaser to retain it.

---

## Authorized By:

On Behalf Of Intertek Testing Services  
Taiwan Limited

K. Y. Liang  
Director

This report shall not be reproduced  
except in full, without the written  
approval of the laboratory.

**Test Report**

Number : TWNC00149209

Sample Description:

Item No.

:	(A)	FISHING LIGHTS	1 "	3*23
	(B)	FISHING LIGHTS	1.5 "	4*39
	(C)	FISHING LIGHTS	1.5 "	4.5*39
	(D)	FISHING LIGHTS	2 "	5*50
	(E)	FISHING LIGHTS	3 "	5*75
	(F)	FISHING LIGHTS	3 "	7.5*75
	(G)	NECKLACE	4 "	10*100
	(H)	FAT	4 "	15*100
	(I)	SLIM	6 "	10*150
	(J)	FAT	6 "	15*150
	(K)	BRACELET	8 "	5*200
	(L)	SLIM	8 "	10*200
	(M)	FAT	8 "	15*200
	(N)	SLIM	10 "	10*250
	(O)	FAT	10 "	15*250
	(P)	SLIM	12 "	15*300
	(Q)	FAT	12 "	20*300
	(R)	SLIM	14 "	15*350
	(S)	FAT	14 "	20*350
	(T)	SLIM	15 "	15*375
	(U)	FAT	15 "	20*375
	(V)	SLIM	16 "	15*400
	(W)	GIANT	16 "	20*400

---

Authorized By:

On Behalf Of Intertek Testing Services

Taiwan Limited

K. Y. Liang  
Director

This report shall not be reproduced  
except in full, without the written  
approval of the laboratory.

Test Conducted

1. Physical And Mechanical Properties

As per European standard on safety of toys EN 71 part 1:2005 and A9 : 2009.

Applicant's specified age group for testing # : For ages and 3 years up.

<u>Clause</u>	<u>Testing item</u>	<u>Assessment</u>
4*	General requirements	P
5	Toys intended for children under 36 months	NA
6	Packaging	NA
7*	Warnings and instructions for use	P#(Excluding clause 7.1 see note)

Remarks: P = Pass; NA = Not applicable

- # = The applicant has certified that proper age grading, label and marking will put on the final product, and the age grading, label and marking certified meet the requirement of this standard. It is applicant's responsibility to make sure the final product with the age grading, label and marking as certified.
- \* = The following subclauses of clauses 4 and 7 of the standard are found applicable:

- 1) 4.1 Material
- 2) 4.7 Edges
- 3) 4.8 Points and wires
- 4) 7.2 Toys not intended for children under 36 months

2. Flammability Test

As per European standard on safety of toys EN 71 part 2:2006 and A1 : 2007.

<u>Clause</u>	<u>Testing item</u>	<u>Assessment</u>
4.1	General	
	— Cellulose nitrate	P
	— Pile surface	NA
	— Highly flammable solids	NA
4.2	Toys to be worn on the head (5.2/5.3/5.4)	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play (5.4)	NA
4.4	Toys intended to be entered by a child (5.4)	NA
4.5	Soft-filled toys with a piled or textile surface (5.5)	NA

Remarks: P = Pass  
NA = Not applicable

## Test Conducted

3. Toxic Elements Analysis

As per European standard on safety of toys EN71 part3: 1994, amendment A1: 2000/ AC: 2002, acid extraction method was used and toxic elements content were determined by inductively coupled plasma-optical emission spectrometer (ICP-OES).

<u>Element</u>	<u>Result (mg/kg)</u>						<u>Limit (mg/kg)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>(6)</u>	
Sol. Lead (Pb)	<1	<1	<1	<1	<1	<1	90
Sol. Cadmium (Cd)	<1	<1	<1	<1	<1	<1	75
Sol. Antimony (Sb)	<1	<1	<1	<1	<1	<1	60
Sol. Chromium (Cr)	<1	<1	<1	<1	<1	<1	60
Sol. Barium (Ba)	<1	<1	<1	<1	<1	<1	1000
Sol. Mercury (Hg)	<1	<1	<1	<1	<1	<1	60
Sol. Selenium (Se)	<1	<1	<1	<1	<1	<1	500
Sol. Arsenic (As)	<1	<1	<1	<1	<1	<1	25

Remarks: mg/kg = Milligram per kilogram based on dry weight of sample

Sol. = Soluble

< = Less than

The Analytical Results Were Adjusted By Subtracting Analytical Correction Factor.

## Tested Components:

- (1) Semitransparent Plastic Stick
- (2) Transparent Plastic
- (3) Red Fabric Cord
- (4) Red Fabric String
- (5) Yellow Plastic
- (6) Yellow Rubber

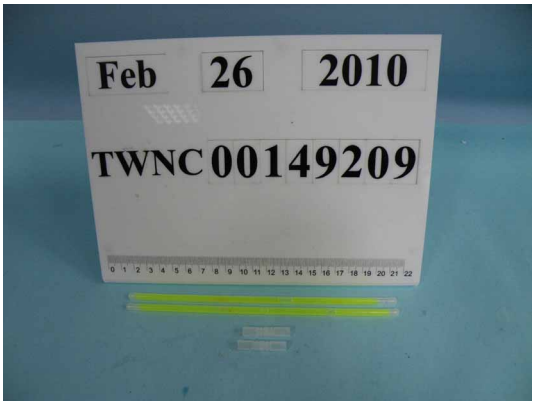
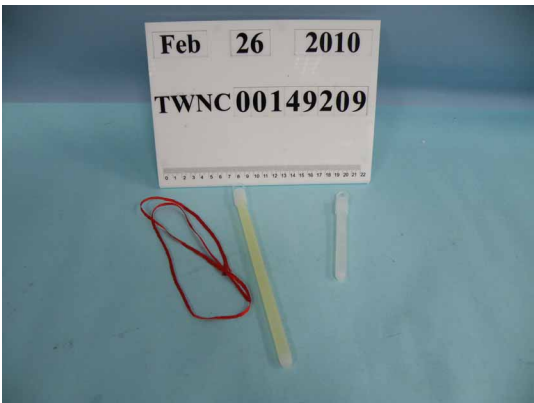
---

End Of Report

Number: TWNC00149209

Test Conducted

Photo



Number: TWNC00149209

Test Conducted

Photo

