



TESTING  
No.0013

Test Report No. 2520686

Date : 5-Aug-2013

Page 1 of 3

Client : Nan Mee Industry Co., Ltd.  
1121 Moo 6 Teparuksa Road  
T. Teparuksa, A. Muang Samutprakarn 10270 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Description : PERMANENT MARKING PEN INK COLOR RED  
Sample No. : 2599475  
Sample Condition : Sample is contained In a plastic bag.  
Quantity Submitted : 3 pcs  
Manufacturer/Vendor : NAN MEE INDUSTRY CO., LTD.

Sample Receiving Date : 31-Jul-2013  
Testing Period : 31-Jul-2013 to 5-Aug-2013

Test Results : Please see the attached sheet.

#### Test Requested & Result Summary

##### Test Requested :

As specified by client, selected parts of the submitted sample for compliance with the European Standard on Safety of Toys :-  
- EN71 Part 3:1994 + A1:2000 + AC:2002 -Migration of certain elements

##### Result Summary :

Test Parameter	Conclusion
- EN71 Part 3:1994 + A1:2000 + AC:2002 -Migration of certain elements	PASS

Remark : Test results in this report are applicable for the item tested and reflects the tested sample as received

Signed for and on behalf of  
SGS (Thailand) Limited

Pornpana Lirathpong  
Hardlines Testing Manager

2222399

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Test Report No. 2520686

Date : 5-Aug-2013

Page 2 of 3

**TEST RESULTS**

**EN 71 Part 3: 1994 + A1 : 2000 + AC: 2002 - Migration of certain elements**

CHEMICAL ANALYSIS - Heavy metal content in the submitted samples were determined by inductively coupled argon plasma spectrometry

Sample (1) red paint from marker

Analysis		Results (mg/kg) Sample (1)	Limit (mg/kg)
Chromium (Cr)	(Soluble)	<3.5	60
Cadmium (Cd)	(Soluble)	<3.5	75
Barium (Ba)	(Soluble)	<3.5	1000
Mercury (Hg)	(Soluble)	<2.5	60
Arsenic (As)	(Soluble)	<6	25
Selenium (Se)	(Soluble)	<6	500
Antimony (Sb)	(Soluble)	<6	60
Lead (Pb)	(Soluble)	<3.5	90
Conclusion		PASS	

Remark : 1. Results shown are based on the total weight of dry sample.

2. Results shown are adjusted analytical results.

3. < = Less than

4. 1 mg/kg = 1 ppm (part per million) = 0.0001 %

\*Test(s) marked \* on this Report are not included in the TISI Accreditation Scope for our Laboratory\*

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