

# Test Report

Report No.: [REDACTED]

Page 1 of 4

ISSUE DATE: OCT22, 2008

APPLICANT:  
ADDRESS:

[REDACTED]

**REPORT ON THE SUBMITTED SAMPLE SAID TO BE:**

SAMPLE NAME : (1) ITEM NO. [REDACTED] YELLOW [REDACTED]  
(2) ITEM NO.: [REDACTED] MAGENTA [REDACTED]  
(3) ITEM NO.: [REDACTED]  
QUANTITY OF SAMPLE : 1 BOTTLE  
SAMPLE RECEIVED DATE : OCT.17, 2008  
SAMPLE TESTED DATE : OCT.17, 2008 TO OCT.22, 2008


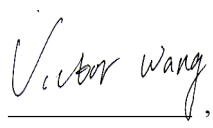
TEST SAMPLE(S) : TESTED COMPONENT(S) OF SUBMITTED SAMPLE(S)

**TEST REQUEST**

**CONCLUSION**

- |   |      |
|---|------|
| 1) MATTEL QSOP 0006-3600 REV. N - HEAVY ELEMENTS CLAUSE 2.3<br>- SURFACE COATINGS | PASS |
| 2) MATTEL QSOP 0006-3610 REV. S<br>- PLASTICIZERS                                 | PASS |

**Test Results:** Please refer to next page(s)

Inspected by:  , Approved by:  , Approved date: 2008-10-22  
Lab Manager



Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: XXXXXXXXXX

Page 2 of 4

## 1) HEAVY ELEMENTS

AS SPECIFIED IN MATTEL QSOP 0006-3600 REVISION N CLAUSE 2.3 - SURFACE COATING, ACID EXTRACTION AND ACID DIGESTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED PLASMA OPTICAL EMISSION SPECTROMETER(ICP-OES).

Elements	Result of Soluble Method 1(mg/kg)	Soluble Method 1 Limit
	Red paint	(mg/kg)
Soluble Antimony (Sb)	<5	60
Soluble Arsenic (As)	<2.5	25
Soluble Barium (Ba)	<5	500
Soluble Cadmium (Cd)	<5	75
Soluble Chromium (Cr)	<2.5	60
Soluble Lead (Pb)	<5	90
Soluble Mercury (Hg)	<2.5	-
Soluble Selenium (Se)	<5	300

Elements	Result of Soluble Method 2 (mg/kg)	Soluble Method 2 Limit
	Red paint	(mg/kg)
Soluble Antimony (Sb)	<5	1000
Soluble Arsenic (As)	<2.5	1000
Soluble Barium (Ba)	<5	1000
Soluble Cadmium (Cd)	<5	1000
Soluble Selenium (Se)	<5	1000

Elements	Result of Total Content (mg/kg)	Total Limit
	Red paint	(mg/kg)
Total Lead (Pb)	<5	90
Total Mercury (Hg)	<2.5	10

Remark :

- < = Less than
- mg/kg = Milligram per kilogram based on dry weight of sample

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: [REDACTED]

Page 3 of 4

**2) TO DETERMINE THE PHTHALATES CONTENT IN THE SUBMITTED SAMPLE**

AS SPECIFIED IN QUALITY AND SAFETY OPERATING PROCEDURE 0006-3610 REV.S, USING THE METHOD DESCRIBED IN ASTM D3421-75, PHTHALATES WERE EXTRACTED BY APPROPRIATE ORGANIC REAGENTS AND DETERMINED BY GAS CHROMATOGRAPH WITH MASS SPECTROMETER(GC-MS).

FOR ACCESSIBLE MATERIALS EXCEPT PRODUCTS INTENDED FOR THE ADULT COLLECTOR:

<u>TEST ITEM</u>	<u>RESULT</u>	<u>MATTEL'S REQUIREMENT</u>
	(%,( W/W ))	
	Red paint	
DI-2-ETHYLHEXYL PHTHALATE (DEHP)	<0.003	---
DIBUTYL PHTHALATE (DBP)	<0.003	---
BENZYL BUTYL PHTHALATE (BBP)	<0.003	---
DIISONONYL PHTHALATE (DINP)	<0.005	---
DI-N-OCTYL PHTHALATE (DNOP)	<0.003	---
DIISODECYL PHTHALATE (DIDP)	<0.005	---
SUM(DEHP+DBP+BBP+DINP+DNOP+DIDP)	<0.022	0.1

Remark :

- <= Less than
- W/W =Weight by weight based on dry weight of sample

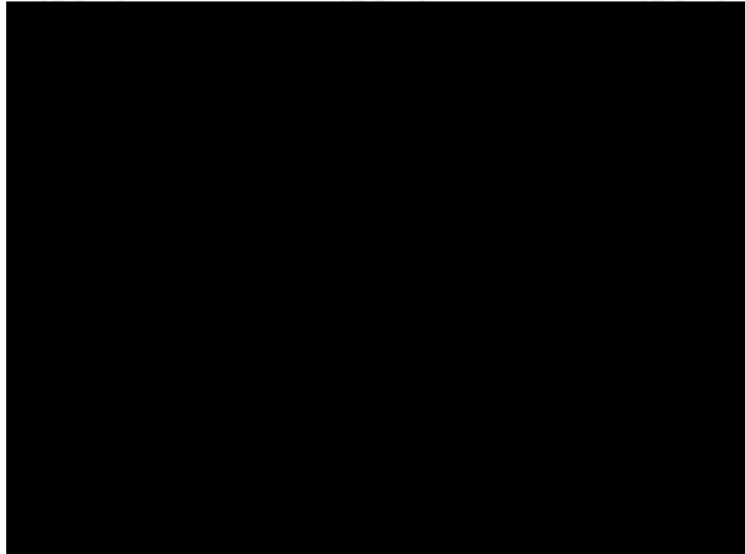
Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: [REDACTED]

Page 4 of 4

## Photo of the sample



\*\*\* End of report \*\*\*

This report is considered invalidated without the Special Seal for Inspection of the CTI, This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of CTI, this test report shall not be copied except in full and published as advertisement.

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen