



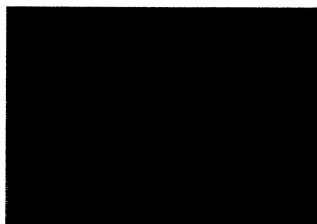
STC Test Report

Date : 2008-10-18

No. : [REDACTED]

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Applicant (SOC001) :



Description of Samples : One bag of submitted printed plastic parts sample said to be:
PRINTED ACETATE (PET) (see attached photo)
COUNTRY OF ORIGIN: CHINA
COUNTRY OF DESTINATION: UK/ARGENTINA
AGE GRADING: ALL AGES

Date Samples Received : 2008-09-29

Date Tested : 2008-10-03 to 2008-10-10

Investigation Requested : (1) Toxic element content in accordance with European Standard for Safety of Toys - EN71-3:1994, amendment A1:2000/AC:2002.
(2) Phthalates content in accordance with EU Directive 2005/84/EC for phthalates in toys and childcare articles.

Conclusions : EN71-3:1994, amendment A1:2000/AC:2002
The submitted sample complied with the test requirement.

EU Directive 2005/84/EC: phthalates in toys and childcare article
The submitted sample complied with the test requirement.

CHAN Man-kit, Calvin
Toys & Children's Products Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taiipo Industrial Estate, N.T., Hong Kong
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Test Results :

1. EN71-3:1994, amendment A1:2000/AC:2002 - Part 3: Migration of certain elements
Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Polymeric material

(a) Printed acetate: transparent

Coating material

(b) Printed acetate [REDACTED] : pink/black/brown/multicolor

(c) Printed acetate [REDACTED] green/black/brown/multicolor

	a	b	c	Limit
Soluble lead.....	<2mg/kg	<2mg/kg	<2mg/kg	90mg/kg
Soluble cadmium.....	<2mg/kg	<2mg/kg	<2mg/kg	75mg/kg
Soluble chromium.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble barium.....	<2mg/kg	204mg/kg	<2mg/kg	1000mg/kg
Soluble antimony.....	<2mg/kg	5mg/kg	<2mg/kg	60mg/kg
Soluble arsenic.....	<2mg/kg	<2mg/kg	<2mg/kg	25mg/kg
Soluble mercury.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble selenium.....	<2mg/kg	<2mg/kg	<2mg/kg	500mg/kg

2. Phthalate content

Ref.: EU Directive 2005/84/EC

Method used: Gas Chromatography Mass Spectrometer

Printed acetate: transparent

	Result
- Di-n-butyl phthalate (DBP)	Not Detected
- Benzyl-n-butyl phthalate (BBP)	Not Detected
- Di (2-ethylhexyl) phthalate (DEHP)	Not Detected

Requirement: The cumulative total of above phthalates shall not be greater than 0.1% by mass of the plasticised material.

	Result
- Di-n-octyl phthalate (DNOP)	Not Detected
- Diisononyl phthalate (DINP)	Not Detected
- Diisodecyl phthalate (DIDP)	Not Detected

The Hong Kong Standards and Testing Centre Ltd.

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Requirement: The cumulative total of above phthalates shall not be greater than 0.1% by mass of the plasticised material which can be placed in the mouth by children .

Notes: Method detection limit = 0.01% (w/w)

***** End of Test Report *****

The Hong Kong Standards and Testing Centre Ltd.

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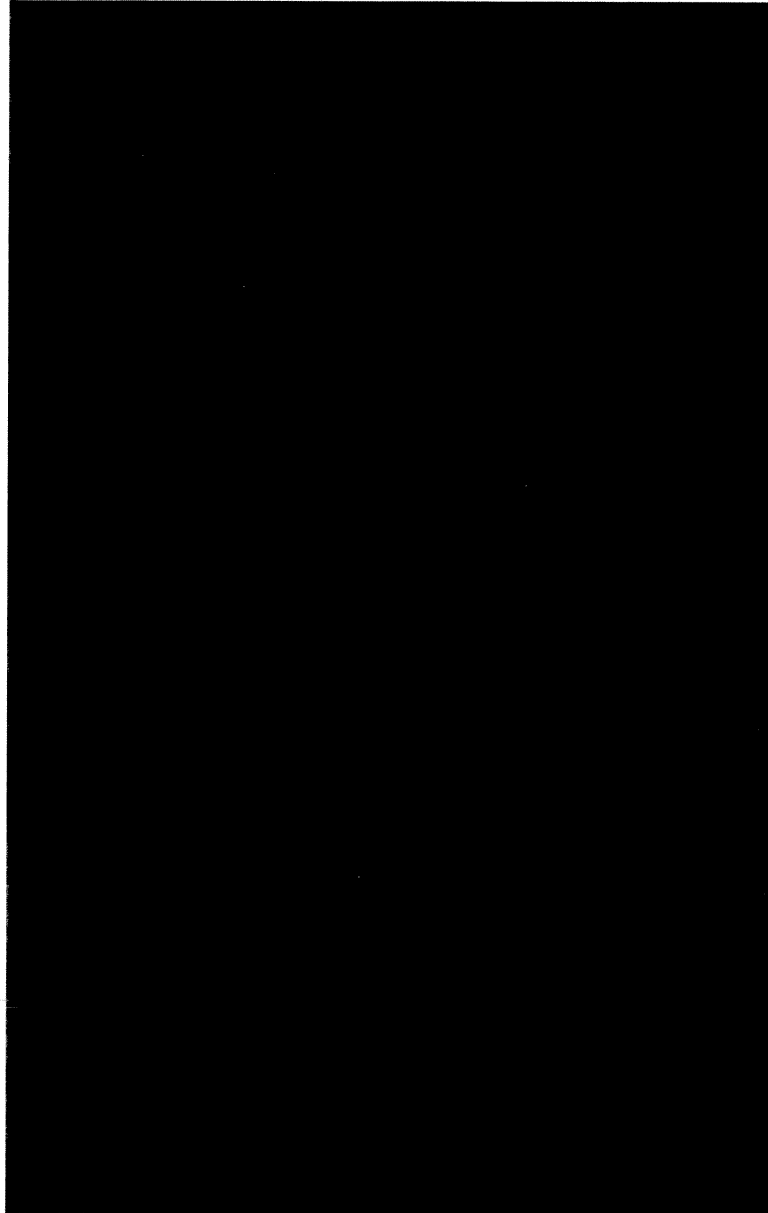
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Appendix for Photos of the Submitted Sample



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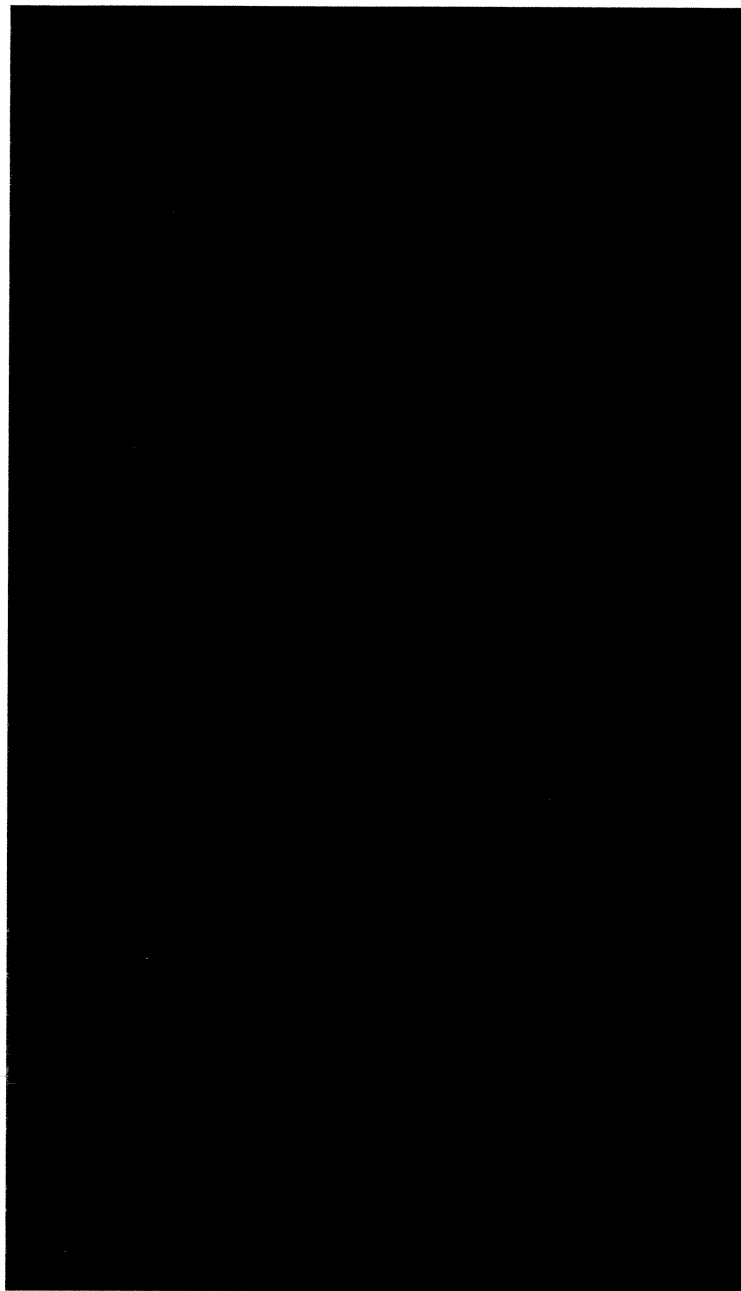


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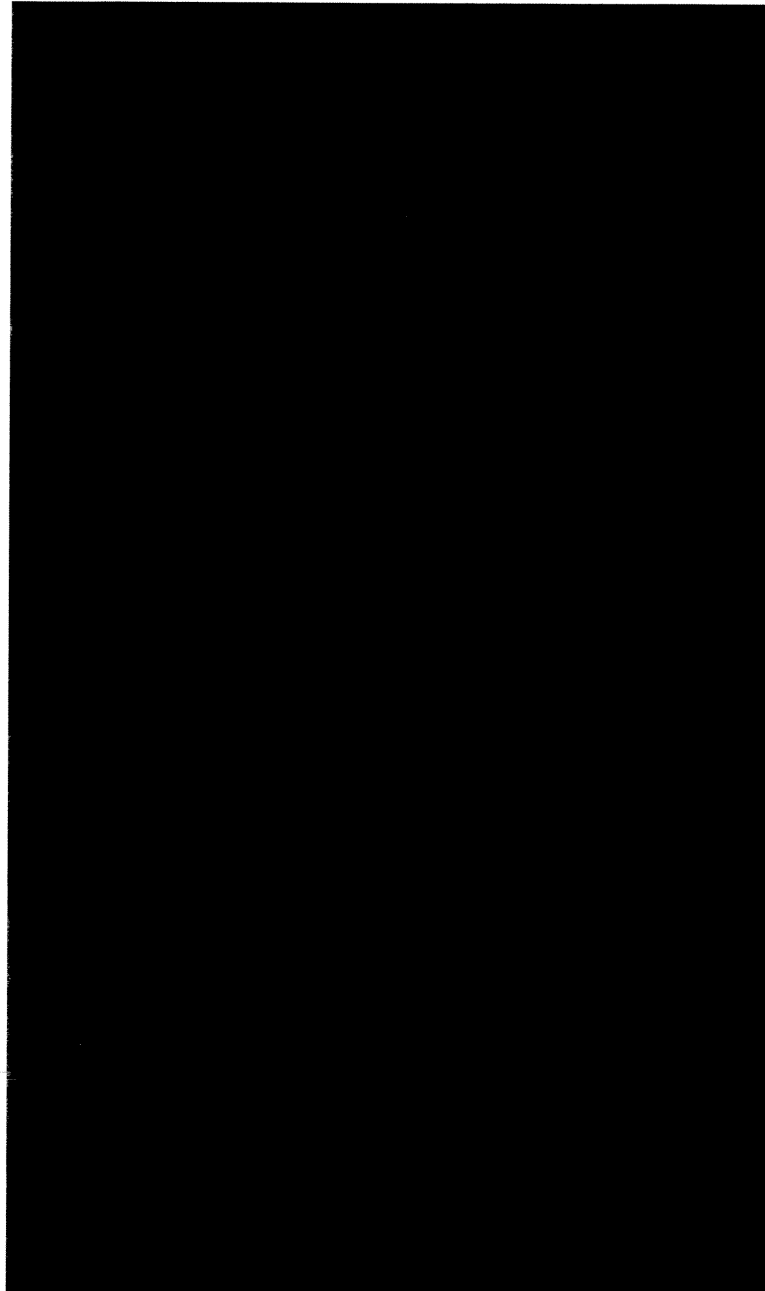


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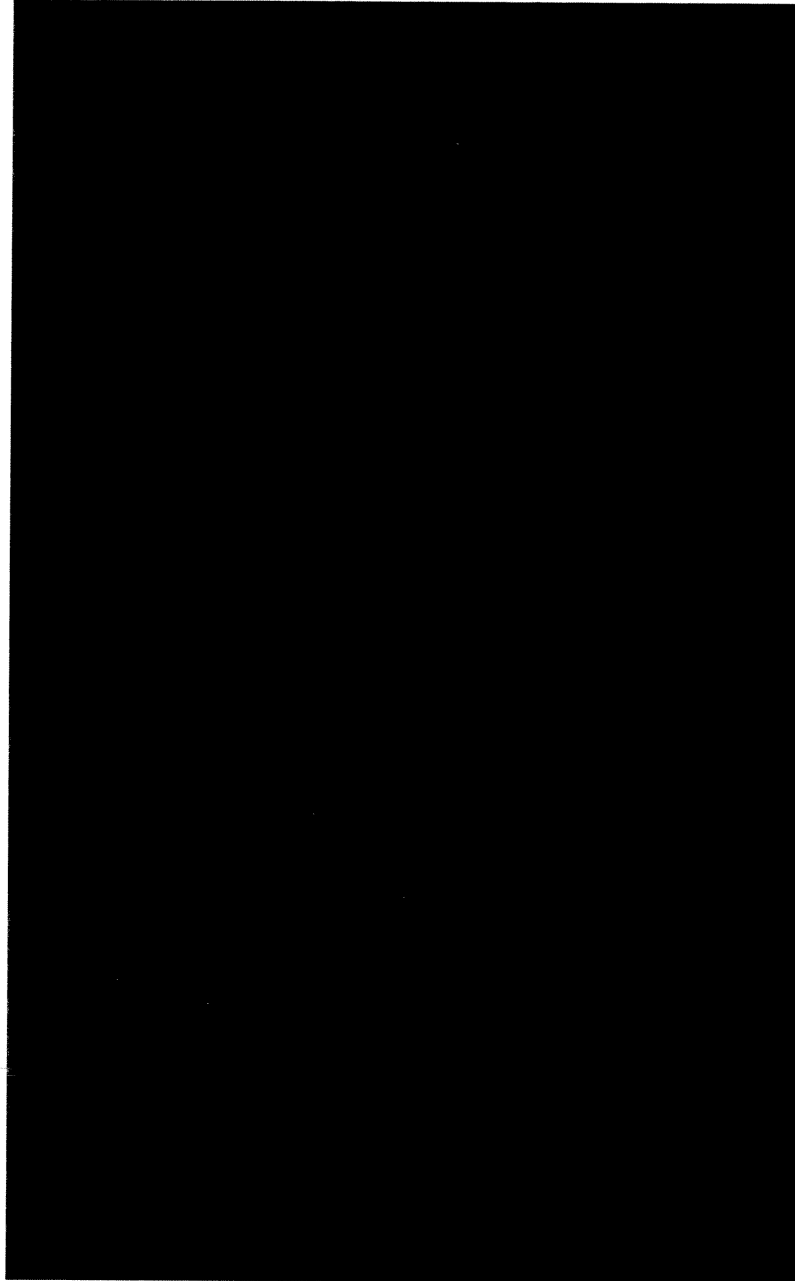


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