



# CMA Testing and Certification Laboratories

廠商會檢定中心

## TEST REPORT

Report No : AP0024140(0)

Date : 14 May 2012

Application No : LP012634(5)

Applicant : MOLUK GMBH  
SEEFELDSTRASSE 178  
8008 ZÜRICH  
SWITZERLAND

Sample Description : Seven (7) submitted samples stated to be :

	<u>Item Name</u>	<u>Item No.</u>	<u>Style No.</u>
(A)	Bilibo (Red)	43002	0008
(B)	Bilibo (Blue)	43003	0004
(C)	Bilibo (Yellow)	43004	0009
(D)	Bilibo (Green)	43005	0005
(E)	Bilibo (Orange)	43006	0006
(F)	Bilibo (Pink)	43007	0007
(G)	Bilibo Mix	43001	0003

Country of Origin : China

Date Received : 16 Apr 2012.  
28 Apr 2012.  
02 May 2012.  
11 May 2012.

Test Period : 03 May 2012 to 09 May 2012.

Test Requested : I. Test in accordance with EN71 : Part 1 : 2011 - Physical and Mechanical Properties;  
II. Test in accordance with EN71 : Part 2 : 2011 - Flammability test;  
III Test in accordance with EN71 : Part 3 : 1994 with amendment A1 : 2000 and AC : 2002 - Migration of certain elements.

Test Method : As stated in the above specification. Heavy metal analysis was performed by Atomic Absorption Spectrophotometry and/or Inductively Coupled Plasma Spectrometry (ICP-OES).

For and on behalf of  
CMA Industrial Development Foundation Limited

Authorized Signature :

Lam Lai Yin  
Deputy Manager  
Toys Division

Wan Leong Hang  
Deputy Manager  
Toys Division

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Test Result : Refer to the results on page 3 to 4.

Conclusion	<u>Test Item</u>	<u>Result</u>
	I. EN71 : Part 1 : 2011	Passed
	II. EN71 : Part 2 : 2011	Passed
	III. EN71 : Part 3 : 1994 with amendment A1 : 2000 and AC : 2002	Passed

For and on behalf of  
CMA Industrial Development Foundation Limited

Authorized Signature :

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Deputy Manager  
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Test Result :

Labelled age group : For children ages between 2 to 7 years old

No. of samples tested : Two (2) sets per style

### I. EN71 : Part 1 : 2011

<u>Clause</u>	<u>Title/Description</u>	<u>Remark*</u>
4	General requirements	C
4.1	Material cleanliness	C
4.7	Edges	C
4.8	Points and metallic wires	C
4.15	Toys intended to bear the mass of a child	C
4.15.4	Toys not propelled by a child	C
5	Toys intended for children under 36 months	
5.1	General requirements	C
7	Warnings, markings and instructions for use	
7.1	General	C

### II. EN71 : Part 2 : 2011

<u>Clause</u>	<u>Title/Description</u>	<u>Remark*</u>
4.1	General requirements	C

Note : No cellulose nitrate and material with same behaviour  
in fire was detected

\* Abbreviation : C = Complied



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Test Result :

III. EN71 : Part 3 : 1994 with amendment A1: 2000 and AC : 2002

	<u>Test Item</u>							
	As	Hg	Se	Cd	Sb	Pb	Cr	Ba
Maximum permissible level (mg/kg)	25	60	500	75	60	90	60	1000
Sample								
1	<5	<5	<5	<5	<5	<5	<5	<5
2	<5	<5	<5	<5	<5	<5	<5	<5
3	<5	<5	<5	<5	<5	<5	<5	<5
4	<5	<5	<5	<5	<5	<5	<5	<5
5	<5	<5	<5	<5	<5	<5	<5	<5
6	<5	<5	<5	<5	<5	<5	<5	<5

- Note :
- All results are in mg/kg
  - < denotes less than
  - ≥ denotes greater than or equal to
  - As = Arsenic; Hg = Mercury; Se = Selenium; Cd = Cadmium; Sb = Antimony; Pb = Lead; Cr = Chromium; Ba = Barium

Sample	Description	Sample weight
1	Pink plastic of sample F, G1	≥100 mg
2	Red plastic of sample A, G2	≥100 mg
3	Blue plastic of sample B, G3	≥100 mg
4	Yellowish orange plastic of sample C, G4	≥100 mg
5	Dull green plastic of sample D, G5	≥100 mg
6	Dark orange plastic of sample E, G6	≥100 mg



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### Appendix



(A)



(B)



(C)



(D)



(E)



(F)



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### Appendix



\*\*\*\*\* End of Report \*\*\*\*\*