



Test Report

Report No. A2260293552101

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Company Name DONGGUAN BAORONG PACKAGING MATERIALS CO.,LTD
shown on Report
Address NO. 5 XINGTANG STREET, DATANG VILLAGE, DALINGSHAN
TOWN,DONGGUAN, GUANGDONG, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name Safety Foam Protective Tube for Children's Playground
Sample Received Date Apr. 16, 2026
Testing Period Apr. 16, 2026 to Apr. 20, 2026

Test Conducted:

As requested by the applicant. For details refer to next page(s)



Approved by

Hill Zheng

Date

Apr. 20, 2026

Hill Zheng
Technical Manager

No. T771311454

Centre Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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Executive Summary:

TEST REQUEST

ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

- Clause 4.3.5.2 Toy substrate materials –Total Lead content
- Clause 4.3.5.1&2 The migration of certain elements
- Clause 4.3.8 Phthalates

CONCLUSION

See test result(s)

PASS

See test result(s)

***** For further details, please refer to the following page(s) *****



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ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

▼ Clause 4.3.5.2 Toy substrate materials –Total Lead content*

Test Method: ASTM F963-23; Test Equipment: ICP-OES

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	004			
Total Lead (Pb)	16		5	100

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼ Clause 4.3.5.1&2 The migration of certain elements*

Test Method: ASTM F963-23; Test Equipment: ICP-OES

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	Limit (mg/kg)
	002	003		
Soluble Antimony (Sb)	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	5	500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.



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▼ **Clause 4.3.8 Phthalates**

Test Method: CPSC-CH-C1001-09.4; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u>	<u>Limit</u>
	004	(mg/kg)	(mg/kg)
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	50	1000
Di-n-Pentyl Phthalate (DPP/DPENP)	N.D.	30	1000
Dicyclohexyl Phthalate (DCHP)	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	30	1000
Di-n-hexyl Phthalate (DnHP/DHEXP)	N.D.	30	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000mg/kg = 0.1%

Sample/Part Description

No.	CTI Sample ID	Description
1	002	Green foam
2	003	Green plastic
3	004	Mixed test, green plastic and green foam [#]

Note:

- “*” indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.
- [#]As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.

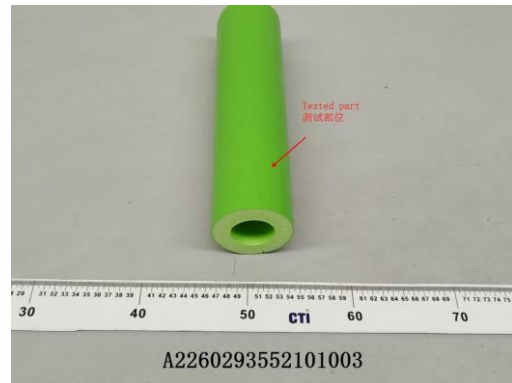


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Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

*** End of Report ***