



G41350

Test Report

Report No.: LST22092099ENS1

Date: Sep. 13, 2022

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Applicant: Overseas Trading (HK) Limited

Address: NO.1302 Room, 13 Floor, NO.B2 Building, Ningbo R & D Park, 399 Juxian Road, National Hi-Tech Zone, Ningbo, China

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

Sample Name: Sport Bottle

Sample Receiving Date: Sep. 01, 2022

Testing Period: Sep. 02, 2022 to Sep. 12, 2022

Summary of Test Result(s):

No.	Test Requested	Result(s)
1	Tested materials of submitted samples refer to FDA 21 CFR 177.1520(PE) - Density - Maximum extractable fraction in n-Hexane - Maximum soluble fraction in Xylene	PASS
2	Tested materials of submitted samples refer to US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - Total Lead (Pb) in accessible substrate materials	PASS
3	Tested materials of submitted samples refer to US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA)] - 16 CFR 1307 - Phthalates	PASS



*****FOR FURTHER DETAILS,PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of LST

Rory / Technical Manager



Zhejiang Lisen Testing Technology Co., Ltd.
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Sample Description

Material No.	Component Description	Location
01	Green plastic	Suction nozzle
02	Green plastic	Lid
03	Dark blue plastic	Bottle
04	Green plastic	Bottle
05	Blue plastic	Bottle
06	Orange plastic	Bottle



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Photo of sample



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Test Result(s):

FDA 21CFR 177.1520 (PE) ^s

Method:

Density - With reference to ASTM D1505-10

Xylene Extractives and n-Hexane Extractives - With reference to U.S. FDA 21 CFR 177.1520

Material No.	Test Item	Limit	Result	Conclusion
01	Density	0.850 -1.000g/cm ³	0.96g/cm ³	PASS
	n-Hexane Extractives	≤ 5.5%	0.26%	PASS
	Xylene Extractives	≤ 11.3%	1.1%	PASS
02	Density	0.850 -1.000g/cm ³	0.94g/cm ³	PASS
	n-Hexane Extractives	≤ 5.5%	0.33%	PASS
	Xylene Extractives	≤ 11.3%	1.5%	PASS
03	Density	0.850 -1.000g/cm ³	0.96g/cm ³	PASS
	n-Hexane Extractives	≤ 5.5%	1.2%	PASS
	Xylene Extractives	≤ 11.3%	3.1%	PASS



- Note:**
1. g/cm³ = grams per cubic centimeter.
 2. % = Percent by weight.

CPSIA - Total Lead(Pb) content of accessible substrate materials

Method:With reference to CPSC-CH-E1002-08.3,analyzed by Atomic Absorption Spectroscopy (AAS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
(04+05+06)▲	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 10 mg/kg.
 4. "▲"this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.



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CPSIA (16 CFR 1307) - Phthalates

Method: With reference to CPSC-CH-C1001-09.4, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Substances	DBP	BBP	DEHP	DINP	DHEXP	DIBP	DCHP	DPENP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	28553-12-0/ 68515-48-0	84-75-3	84-69-5	84-61-7	131-18-0	
Limit (mg/kg)	1000	1000	1000	1000	1000	1000	1000	1000	
RL (mg/kg)	50	50	50	100	50	50	50	50	
Material No.	Result (mg/kg)								
(04+05+06) ▲	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL = Reporting Limit.
 4. Children's toys and child care articles shall not more than 1000mg/kg DBP, BBP, DEHP, DINP, DIBP, DCHP,DPENP and DHEXP
 - Children's toys defined as 12 years and under.
 - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help children with sucking and teething.
 5. Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing. If material identification is not provided, phthalate testing will be conducted on all plastic materials.
 6. "▲"this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

Remark:

This report is a revised document for Report No. LST22092099EN. Report No. LST22092099EN is replaced and invalidated automatically from the approval date of this report.

End of Report

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