



Test Report

Report No.: LST23070190ENS1

Date: Jul. 18, 2023

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Applicant: Jinhua Feima Bag Co.,Ltd.

Address: Qiubin Industry Zone,Jinhua City,Zhejiang Province,China

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

Sample Name: Foldable backpack

Sample Receiving Date: Jul. 11, 2023

Testing Period: Jul. 11, 2023 to Jul. 18, 2023

*****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.

Address:5 Floor,Building 13,Yiwu Science&Technology Park,

No.968 Xuefeng West Road,Yiwu,Zhejiang,China

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Summary of Test Result(s):

No.	Test Sample	Test Requested	Result(s)
1	Tested materials of submitted samples	Annex XVII items 63 of the REACH Regulation (EC) No 1907/2006 & amended (EU) No 836/2012 & (EU) No 2015/628 - Lead content	PASS
2	Tested materials of submitted samples	Annex XVII items 23 of the REACH Regulation (EC) No 1907/2006 & commission regulation(EU) No.494/2011 & amended (EU) No. 835/2012 & (EU) No 217/2016 - Cadmium content	PASS
3	Tested materials of submitted samples	Annex XVII items 51&52 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009&(EU) 2018/2005 - Phthalates	PASS
4	Tested materials of submitted samples	Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Azo colorants and Azo dyes	PASS

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Sample Description

Material No.	Component Description	Location
01	Black fabric	Bag body
02	Gray fabric	Braid
03▲	Black plastic + black plastic	Zipper teeth + puller
04	Black plastic	Buckle
05	Black plastic	Zipper teeth

Photo of sample



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Test Result(s):

Annex XVII items 63 of the REACH – Lead content

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

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
03▲	500	46	PASS
04	500	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.

Annex XVII items 23 of the REACH - Cadmium content

Method: With reference to EN 1122:2001 method B, analyzed by Atomic Absorption Spectroscopy (AAS).

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

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 5 mg/kg.
 4. As specified by client: the test result of material No.03 was been deleted.

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Annex XVII items 51&52 of the REACH - Phthalates

Method: With reference to ISO 8124-6:2018(E) Method C, Internal standard (IS) calibration, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	SUM	DNOP	DIDP	DINP	SUM	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	--	117-84-0	26761-40-0 /68515-49-1	28553-12-0 /68515-48-0	--	
Limit (%)	--	--	--	--	0.1	--	--	--	0.1	
RL(%)	0.005	0.005	0.005	0.005	--	0.005	0.01	0.01	--	
Material No.	Result (%)									
04	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
05	N.D.	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. 1% = 10000mg/kg
 3. N.D. = Not Detected (< RL).
 4. RL = Reporting Limit.
 5. The DBP, BBP, DEHP and DIBP shall not be used as substances or in mixtures, in concentrations greater than 0.1% by weight of the plasticised material, in toys and childcare articles.
 6. The DNOP, DIDP and DINP shall not be used as substances or in mixtures, in concentrations greater than 0.1% by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.
 7. As specified by client: the test result of material No.03 was been deleted.

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Annex XVII items 43 of the REACH - Azo colourants and Azo dyes

Method: With reference to BS EN ISO 14362-1:2017, calibration using internal standard, Analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

No.	Substances Name	CAS No.	Limit (mg/kg)	Result (mg/kg)	
				01	02
1	biphenyl-4-ylamine/ 4-aminodiphenyl/ xenylamine	92-67-1	30	N.D.	N.D.
2	benzidine	92-87-5	30	N.D.	N.D.
3	4-chloro-o-toluidine	95-69-2	30	N.D.	N.D.
4	2-naphthylamine	91-59-8	30	N.D.	N.D.
5△	o-aminoazotoluene/ 4-o-tolylazo-o-toluidine/ 4-amino-2', 3-dimethylazobenzene	97-56-3	30	N.D.	N.D.
6△	2-amino-4-nitrotoluene/ 5-nitro-o-toluidine	99-55-8	30	N.D.	N.D.
7	4-chloroaniline	106-47-8	30	N.D.	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	30	N.D.	N.D.
9	4,4'-methylenedianiline/ ,4'-diaminodiphenylmethane	101-77-9	30	N.D.	N.D.
10	3,3'-dichlorobenzidine/ 3,3'-dichlorobiphenyl-4,4'-ylenediamine	91-94-1	30	N.D.	N.D.
11	3,3'-dimethoxybenzidine/ o-dianisidine	119-90-4	30	N.D.	N.D.
12	3,3'-dimethylbenzidine/ 4,4'-bi-o-toluidine	119-93-7	30	N.D.	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	30	N.D.	N.D.
14	6-methoxy-m-toluidine/ p-cresidine	120-71-8	30	N.D.	N.D.
15	4,4'-methylene-bis-(2-chloroaniline)/ 2,2'-dichloro-4,4'-methylene-dianiline	101-14-4	30	N.D.	N.D.
16	4,4'-oxydianiline	101-80-4	30	N.D.	N.D.
17	4,4'-thiodianiline	139-65-1	30	N.D.	N.D.
18	o-toluidine/ 2-aminotoluene	95-53-4	30	N.D.	N.D.
19	4-methyl-m-phenylenediamine/ 2,4-toluylendiamine	95-80-7	30	N.D.	N.D.
20	2,4,5-trimethylaniline	137-17-7	30	N.D.	N.D.
21	o-anisidine / 2-methoxyaniline	90-04-0	30	N.D.	N.D.
22◇	4-aminoazobenzene	60-09-3	30	N.D.	N.D.
Conclusion				PASS	PASS

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- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< RL).
 3. RL (Reporting Limit) = 5 mg/kg.
 4. "△" = The CAS No. 97-56-3 (No.5) and 99-55-8 (No.6) are further reduced to CAS No.95-53-4 (No.18) and 95-80-7(No.19).
 5. "◇" = Azo colorants that are able to form 4-aminoazobenzene(No.22), generate under the condition of this method aniline and 1, 4-phenylenediamine, therefore, the method of BS EN ISO 14362-3:2017 was employed to verify the 4-aminoazobenzene.
 6. The colorant was extracted from the sample by xylene.

Remark:

This report is a revised document for Report No. LST23070190EN. Report No. LST23070190EN is replaced and invalidated automatically from the approval date of this report.

End of Report



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