



# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 1 of 8

**Applicant:**

**Address:**

The following samples were submitted and identified by/on behalf of the client as:

**Sample Name:** HAND FAN

**Style No.:** 6406

**Sample Receiving Date:** Mar. 02, 2020

**Testing Period:** Mar. 02, 2020 to Mar. 05, 2020

**Test Results:** Please Refer To The Following Page(s)

**Test Requested and Conclusion(s):**

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Tested materials of submitted samples	Annex XVII items 63 of the REACH - Lead content	PASS
2	Tested materials of submitted samples	Annex XVII items 23 of the REACH - Cadmium content	PASS
3	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
4	Tested materials of submitted samples	Annex XVII items 22 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Pentachlorophenol (PCP)	PASS

Signed for and on behalf of LST

Rory / Technical Manager

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# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 2 of 8

## Sample Description

Material No.	Component Description	Location
01	Silvery plating metal	Axle
02▲	Purple fiber+ red fiber+ blue fiber	Hand fan + hand fan + hand fan
03	Bamboo	Handle

## Photo of sample



# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 3 of 8



# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 4 of 8



# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 5 of 8





# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 6 of 8

## Test Result(s):

Annex XVII items 63 of the REACH - Lead content

Method: With reference to CPSC-CH-E1001-08.3:2012, analyzed by Atomic Absorption Spectroscopy (AAS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
01	500	21	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL (Reporting Limit) = 10 mg/kg.

Annex XVII items 23 of the REACH - Cadmium content

Method: With reference to CPSC-CH-E1001-08.3:2012, analyzed by Atomic Absorption Spectroscopy (AAS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
01	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.

# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 7 of 8

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

Method: With reference to BS EN ISO 14362-1:2017 and BS EN ISO 14362-3:2017

Analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS)

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

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL (Reporting Limit) = 5 mg/kg.



# Test Report

Report No.: LST20036098ENS1

Date: Mar. 12, 2020

Page 8 of 8

- "△" = 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).
- "◇" = 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.
- "▲"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 22 of the REACH - Pentachlorophenol (PCP)

Method: With reference to CEN/TR 14823:2003, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
03	1000	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (<RL).
  3. RL (Reporting Limit) = 0.1 mg/kg.

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