Test Report

Report No.: LST20076117EN **Date:** Jul. 18, 2020

Applicant: [redacted]

Address: [redacted]

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

Sample Name: Anti-Bacterial Touchscreen Gloves

Item No: 6703

Sample Receiving Date: Jul. 13, 2020

Testing Period: Jul. 15, 2020 to Jul. 18, 2020

Summary of Test Result(s):

No.	Test Requested	Result(s)
1	Class II (OEKO-TEX Standard 100:2018) - Formaldehyde	PASS
2	Annex XVII items 22 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Pentachlorophenol (PCP)	PASS
3	Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Azo colorants and Azo dyes	PASS

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

Signed for and on behalf of LST

Rory

Rory / Technical Manager

Fotokopians överensstämmelse med originalet intygas:

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Sample Description

Material No.	Component Description	Location
01	Gray fiber	Glove

Photo of sample

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Test Result(s):

OEKO-TEX Standard 100:2018 Class Ⅱ--Formaldehyde

Method: With reference to ISO 14184-1:2011, analyzed by Ultraviolet visible Spectroscopy (UV-Vis).

Material No.	Limit (mg/kg)				Result (mg/kg)	Conclusion
	Ⅰ	Ⅱ	Ⅲ	Ⅳ		
01	N.D.	**75**	300	300	N.D.	PASS

Note: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL (Reporting Limit) = 16 mg/kg.
4. Product Class:
   Ⅰ = products for babies.
   Ⅱ = products with direct contact to skin.
   Ⅲ = products without direct contact to skin.
   Ⅳ = decoration materials.

Annex XVII items 22 of the REACH - Pentachlorophenol (PCP)

Method: With reference to ISO 17070:2015, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

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

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

Method: With reference to BS EN 14362-1:2017,Analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS)

No.	Substances Name	CAS No.	Limit (mg/kg)	Result (mg/kg)
				01
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.
Conclusion				PASS

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

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Note: 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 14362-3:2017 was employed to verify the 4-aminoazobenzene.

End of Report

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