Test Report

Report No.: CTT26100103221ENR1

Applicant: HUIZHOU CHANGXIN GARMENT ACCESSORIES CO.,LTD
Address: NO.2 NAN SAN ROAD, BAI GANG VILLANG,XIALJINKOU,HUICHENG DISTRICT,HUIZHOU CITY

Sample Received Date: Oct. 19, 2026
Testing Period: Oct. 19, 2026 - Oct. 29, 2026
Report Date: Oct. 29, 2026

The following merchandise was (were) submitted and identified on behalf of the applicant as:
Sample Name: 100*50mm leather label
Sample Color: Black

Test Result(s): Please refer to next page(s).
Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:

Hilary He/Jumy Tang
Technical Manager

Click For Authentication

Verification Report

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	Material identification	DATA
2	Client's requirements - Leather-Colour fastness to perspiration	PASS
3	Client's requirements - Leather–Tests for colour fastness–Colour fastness to water	PASS
4	Client's requirements - Colour fastness to light of textiles wetted with artificial perspiration	PASS
5	Client's requirements - Colorfastness to Light	PASS
6	Client's requirements - Leather colour fastness to rubbing	PASS
7	Client's requirements - pH Value	PASS
8	Client's requirements - Chromium(VI)	PASS
9	Client's requirements - Formaldehyde	PASS
10	Heavy metal elements	DATA
11	Client's requirements - Azo Dyes	PASS
12	Client's requirements - Alkyl phenol (AP)	PASS
13	Client's requirements - Ethoxylated alkylphenols (APEO)	PASS
14	Client's requirements - Short-chain chlorinated paraffins (SCCP)	PASS

Test Report

Test Result(s):

Material identification

Method: ISO 17131:2020 GB/T 38408 2019[s]

Material No.	Results
1	Bovine leather

Test Result(s):

Leather-Colour fastness to perspiration

Method: ISO 11641: 2012

Material No.	Test Item		Client's Requirement (Min. Grade)	Results (Grade)	Conclusion
1	Acid	Colour change	4	4-5	PASS
		Colour stain on	--		
		Acetate	3-4	4-5	
		Cotton	3-4	4-5	
		Polyamide	3-4	4-5	
		Polyester	3-4	4-5	
		Acrylic	3-4	4-5	
		Wool	3-4	4-5	
	Alkaline	Colour change	4	4-5	
		Colour stain on	--		
		Acetate	3-4	4-5	
		Cotton	3-4	4-5	
		Polyamide	3-4	4-5	
		Polyester	3-4	4-5	
		Acrylic	3-4	4-5	
		Wool	3-4	4-5	

Note:

Explanation of Colour fastness Results

Grade 5 Negligible or no change or staining

Grade 4 Slightly changed or stained

Grade 3 Noticeably changed or stained

Grade 2 Considerably changed or stained

Grade 1 Much changed or heavily stained

Test Result(s):

Leather–Tests for colour fastness–Colour fastness to water

Method: ISO 11642:2012 n

Material No.	Test Item	Client's Requirement (Min. Grade)	Results (Grade)	Conclusion
1	Colour change	4	4-5	PASS
	Colour stain on	--		
	Acetate	3-4	4-5	
	Cotton	3-4	4-5	
	Polyamide	3-4	4-5	
	Polyester	3-4	4-5	
	Acrylic	3-4	4-5	
	Wool	3-4	4-5	

Note:

Explanation of Colour fastness Results

Grade 5 Negligible or no change or staining

Grade 4 Slightly changed or stained

Grade 3 Noticeably changed or stained

Grade 2 Considerably changed or stained

Grade 1 Much changed or heavily stained

Test Result(s):

Colour fastness to light of textiles wetted with artificial perspiration

Method: ISO 105-B07:2009 modified n, Ph(Acidic sweat):4.3±0.2/ 5.5.±0.2, NO. 4# blue wool fabric changed: Grade 4-5.

Material No.	Test Item	Client's Requirement (Min. Grade)	Results (Grade)	Conclusion
1	Colour change (Acidic sweat)	4	Ph: 4.3±0.2: 4-5 Ph: 5.5.±0.2:4-5	PASS

Note:

Explanation of Colour fastness Results

Grade 5 Negligible or no change or staining

Grade 4 Slightly changed or stained

Grade 3 Noticeably changed or stained

Grade 2 Considerably changed or stained

Grade 1 Much changed or heavily stained

Test Result(s):

Colour fastness to light

Method: ISO 105-B02:2014 modified [n], method 3, air cooled, gray card.

Material No.	Test Item	Client's Requirement (Min. Grade)	Results (Grade)	Conclusion
1	Colour change (Exposure time 20H)	4	4-5	PASS
	Colour change (Exposure time 40H)	/	4-5	/

Note:

Explanation of Colour fastness Results

Grade 5 Negligible or no change or staining

Grade 4 Slightly changed or stained

Grade 3 Noticeably changed or stained

Grade 2 Considerably changed or stained

Grade 1 Much changed or heavily stained

Test Result(s):

Leather colour fastness to rubbing

Method: ISO 11640:2018, 1000g total mass of the finger, white wool felt.

Material No.	Test Item		Client's Requirement	Results	Conclusion
1	Dry (50 Cycles)	Colour staining on felt (Grade)	≥3-4	4-5	PASS
		Colour change (Grade)	≥3-4	4-5	
	Wet-Demineralized water (20 Cycles)	Colour staining on felt (Grade)	≥2-3	4-5	
		Colour change (Grade)	≥2-3	4-5	

Notes:

Explanation of Colour fastness Results

Grade 5 Negligible or no change or staining

Grade 4 Slightly changed or stained

Grade 3 Noticeably changed or stained

Grade 2 Considerably changed or stained

Grade 1 Much changed or heavily stained

Test Result(s):

pH Value - Client's requirements

Method: ISO 4045:2018

Substances	pH value	**Conclusion**
CAS No.	--	
Limit	4-7	
Material No.	**Result**	
1	4.40	PASS

NOTE: 1. "--" = Not Applicable.

Test Result(s):

Chromium(VI) - Client's requirements

Method: ISO 17075-1:2017

Substances	Chromium (VI)	**Conclusion**
CAS No.	18540-29-9	
LOQ (mg/kg)	3.0	
Limit (mg/kg)	3	
Material No.	**Result (mg/kg)**	
1	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).

2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Result(s):

Formaldehyde - Client's requirements

Method: ISO 17226-1:2021

Substances	Formaldehyde	**Conclusion**
CAS No.	50-00-0	
LOQ (mg/kg)	5.00	
Limit (mg/kg)	75	
Material No.	**Result (mg/kg)**	
1	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Result(s):

Heavy metal elements

Method: ISO 17072-1:2019

No.	**Substances Name**	**CAS No.**	**LOQ (mg/kg)**	**Result (mg/kg)**
				1
1	Antimony (Sb)	7440-36-0	5.5	N.D.
2	Arsenic (As)	7440-38-2	5.5	N.D.
3	Barium (Ba)	7440-39-3	5.5	N.D.
4	Cadmium (Cd)	7440-43-9	3	N.D.
5	Chromium (Cr)	7440-47-3	3	56
6	Cobalt (Co)	7440-48-4	5.5	N.D.
7	Copper (Cu)	7440-50-8	5.5	N.D.
8	Lead (Pb)	7439-92-1	3	N.D.
9	Mercury (Hg)	7439-97-6	3	N.D.
10	Nickel (Ni)	7440-02-0	3	N.D.
11	Selenium (Se)	7782-49-2	5.5	N.D.

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Result(s):

Azo Dyes - Client's requirements

Method: ISO 17234-1:2024

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)
					1
1	4-Aminobiphenyl	92-67-1	20	5	N.D.
2	Benzidine	92-87-5	20	5	N.D.
3	4-Chloro-o-toluidine	95-69-2	20	5	N.D.
4	2-Naphthylamine	91-59-8	20	5	N.D.
5	o-Aminoazotoluene	97-56-3	20	5	N.D.
6	5-Nitro-o-toluidine	99-55-8	20	5	N.D.
7	p-Chloroaniline	106-47-8	20	5	N.D.
8	2,4-Diaminoanisole	615-05-4	20	5	N.D.
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	20	5	N.D.
10	3,3'-Dichlorobenzidine	91-94-1	20	5	N.D.
11	3,3'-Dimethoxybenzidine	119-90-4	20	5	N.D.
12	3,3'-Dimethybenzidine	119-93-7	20	5	N.D.
13	3,3'-Dimethyl-4,4'-diaminobiphenylmethane	838-88-0	20	5	N.D.
14	p-Cresidine	120-71-8	20	5	N.D.
15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	20	5	N.D.
16	4,4'-Oxydianiline	101-80-4	20	5	N.D.
17	4,4'-Thiodianiline	139-65-1	20	5	N.D.
18	o-Toluidine	95-53-4	20	5	N.D.
19	2,4-Toluylenediamine	95-80-7	20	5	N.D.
20	2,4,5-Trimethylaniline	137-17-7	20	5	N.D.
21	o-Anisidine	90-04-0	20	5	N.D.
22	4-Aminoazobenzene	60-09-3	20	5	N.D.
23	2,4-Xylidine	95-68-1	20	5	N.D.
24	2,6-Xylidine	87-62-7	20	5	N.D.
25	Aniline [n]	62-53-3	20	5	N.D.
26	4-Chloro-o-toluidinium chloride [n]	3165-93-3	20	5	N.D.
27	2,4,5-Trimethylaniline hydrochloride [n]	21436-97-5	20	5	N.D.

28	2-Naphthylammoniumacetate [n]	553-00-4	20	5	N.D.
29	2,4-Diaminoanisole sulphate [n]	39156-41-7	20	5	N.D.
Conclusion					PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. o-Aminoazotoluene (CAS No.97-56-3) and 5-Nitro-o-toluidine (CAS No. 99-55-8) are further reduced to o-Toluidine (CAS No.95-53-4) and 2,4-Toluylenediamine (CAS No.95-80-7).
4. 4-aminoazobenzene (CAS No.60-09-3), generate under the condition of this method aniline and 1,4-phenylenediamine. The presence of these colorants shall be tested using ISO 17234-2

Test Result(s):

Alkyl phenol (AP) - Client's requirements

Method: With reference to ISO 21084:2019[n]

Substances	Nonyl phenol (NP)	Octyl phenol (OP)	Sum (NP+OP)	**Conclusion**
CAS No.	104-40-5/84852-15-3	1806-26-4/140-66-9	--	
LOQ (mg/kg)	10	10	10	
Limit (mg/kg)	--	--	10	
Material No.	**Result (mg/kg)**			
1	N.D.	N.D.	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "--" = Not Applicable.

Test Result(s):

Ethoxylated alkylphenols (APEO) - Client's requirements

Method: ISO 18218-1:2023[n]

Substances	Nonylphenol ethoxylates (NPEO)	Octylphenol ethoxylates (OPEO)	Sum (NPEO+OPEO)	**Conclusion**
CAS No.	--	--	--	
LOQ (mg/kg)	10	10	10	
Limit (mg/kg)	--	--	50	
Material No.	**Result (mg/kg)**			
1	N.D.	N.D.	N.D.	PASS

NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "--" = Not Applicable.

Test Result(s):

Short-chain chlorinated paraffins (SCCP) - Client's requirements

Method: reference of ISO 18219-1:2021&ISO 18219-2:2021[n]

Substances	Short-chain chlorinated paraffins (SCCP)	**Conclusion**
CAS No.	85535-84-8	
LOQ (mg/kg)	100	
Limit (mg/kg)	1000	
Material No.	**Result (mg/kg)**	
1	N.D.	PASS

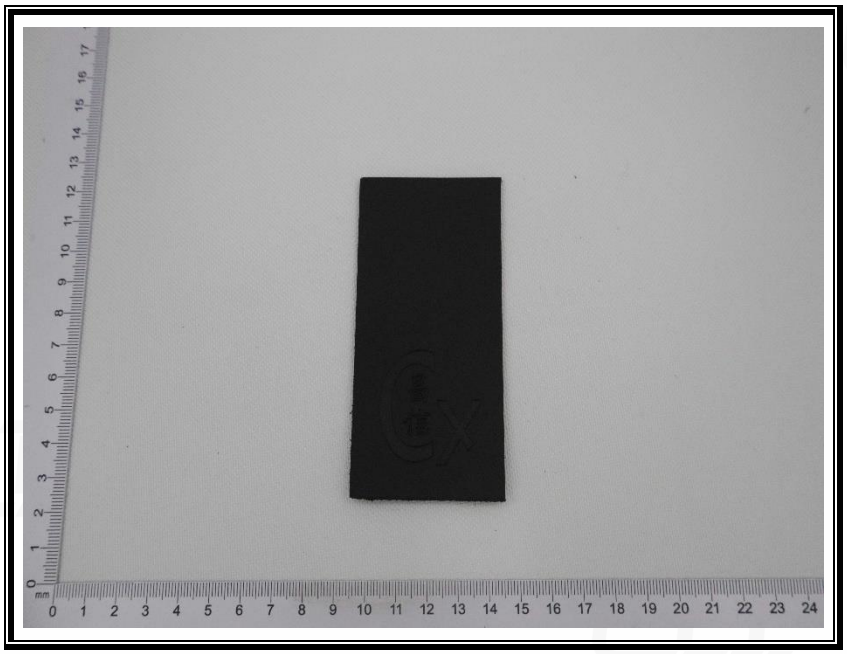
NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Material List

Material No.	**Sample Description**	**Location**
1	Black leather	Individual

Remark: This report supersedes CTT26100103221EN which is withdrawn.

Photo of Sample:



*** End of Report ***

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