

Test report

T-26484276-11-R1



Verify Report

Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Address: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx



Sample information

Description: Backpack/Duffel/Laptop Sleeve

SKU / style #: 420272/420277/420317

Country of origin: -

Country of distribution: -

Quantity submitted: 3 styles + a lot parts

Labeled age grade: -

Tested age grade: -

General information

Sample receipt date: 31-Aug-2026

Report date: 16-Sep-2026

Testing period: 31-Aug-2026 to 04-Sep-2026

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

Jeremy Xu

Chemical Laboratory Manager



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Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Carcinogenic Dyes and Allergenic Dyes content	Pass
Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) -Aromatic Amine Salts	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles	Pass
Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Chlorinated Aromatic Hydrocarbons	Pass
Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Cadmium, Hexavalent Chromium, Arsenic, Lead and Their Compounds	Pass
Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Formaldehyde	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 46 Nonylphenol (NP) and Nonylphenol Ethoxylates (NPEO)	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbons (PAHs)	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Quinoline	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Paints and Surface Coatings	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Paints and Surface Coatings	Pass



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Detailed results

Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Carcinogenic Dyes and Allergenic Dyes content

Test Method: DIN 54231:2022-09

Analytical Method: Liquid Chromatography-Mass Spectrometry (LC-MS)

Specimen No.		C1+C2+C2 2	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
C.I. Disperse Blue 1	2475-45-8	ND	---	---	---	50	mg/kg
C.I. Basic Red 9	569-61-9	ND	---	---	---	50	mg/kg
C.I. Basic Violet 3 with ≥ 0.1% of Michler's ke- tone	548-62-9	ND	---	---	---	50	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million)

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) -Aromatic Amine Salts

Test Method: EN ISO 14362-1:2017
Analytical Method: Gas Chromatography-Mass Spectrometry (GC-MS);
Liquid Chromatography-Diode Array Detector (LC-DAD);
Liquid Chromatography-Mass Spectrometry (LC-MS)

Specimen No.		C1+C2+C2 2	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
4-chloro-o-toluidinium chloride	3165-93-3	ND	---	---	---	30	mg/kg
2-Naphthylammoniumacetate	553-00-4	ND	---	---	---	30	mg/kg
2,4-diaminoanisole sulphate	39156-41-7	ND	---	---	---	30	mg/kg
2,4,5-trimethylaniline hydrochloride	21436-97-5	ND	---	---	---	30	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million)

LT = Less than

ND = Not detected (Reporting Limit = 10 mg/kg)

The determination of 4-chloro-o-toluidinium chloride, 2-Naphthylammoniumacetate, 2,4-diaminoanisole sulphate and 2,4,5-trimethylaniline hydrochloride were based on aromatic amines analysis. The content was calculated based on assumption of worst-case.

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The analytical result of detected amine is confirmed by LC-DAD / LC-MS.





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN ISO 14362-1:2017;
EN ISO 14362-3:2017

Analytical Method: Gas Chromatography-Mass Spectrometry (GC-MS);
Liquid Chromatography-Diode Array Detector (LC-DAD);
Liquid Chromatography-Mass Spectrometry (LC-MS)

Specimen No.		C1+C2+C2 2	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
4-aminobiphenyl	92-67-1	ND	---	---	---	30	mg/kg
Benzidine	92-87-5	ND	---	---	---	30	mg/kg
4-chloro-o-toluidine	95-69-2	ND	---	---	---	30	mg/kg
2-Naphthylamine	91-59-8	ND	---	---	---	30	mg/kg
o-aminoazotoluene (Solvent Yellow 3)	97-56-3	ND	---	---	---	30	mg/kg
2-Methyl-5-nitroaniline	99-55-8	ND	---	---	---	30	mg/kg
4-Chloroaniline	106-47-8	ND	---	---	---	30	mg/kg
2,4-Diaminoaniline	615-05-4	ND	---	---	---	30	mg/kg
4,4'- Diaminodiphenyl- methane	101-77-9	ND	---	---	---	30	mg/kg
3,3'-Dichlorobenzidine	91-94-1	ND	---	---	---	30	mg/kg
o-dianisidine	119-90-4	ND	---	---	---	30	mg/kg
3,3'-dimethylbenzidine	119-93-7	ND	---	---	---	30	mg/kg
3,3'-dimethyl-4,4'-dia- minodiphenyl methane	838-88-0	ND	---	---	---	30	mg/kg
p-cresidine	120-71-8	ND	---	---	---	30	mg/kg
2,2'-Dichloro-4,4'-meth- ylenedianiline	101-14-4	ND	---	---	---	30	mg/kg
4,4'-Oxydianiline	101-80-4	ND	---	---	---	30	mg/kg
4,4'-Thiodianiline	139-65-1	ND	---	---	---	30	mg/kg
o-toluidine	95-53-4	ND	---	---	---	30	mg/kg
2,4-toluylenediamine	95-80-7	ND	---	---	---	30	mg/kg
2,4,5-Trimethylaniline	137-17-7	ND	---	---	---	30	mg/kg
o-Anisidine	90-04-0	ND	---	---	---	30	mg/kg
4-aminoazobenzene (Solvent Yellow 1)	60-09-3	ND	---	---	---	30	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Remark:

In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.



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Detailed results

Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Chlorinated Aromatic Hydrocarbons

Test Method: DIN 54232:2010-08
Analytical Method: Gas Chromatography-Mass Spectrometry (GC-MS)

Specimen No.		C1+C2+C2 2	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
p-Chlorobenzotrichloride	5216-25-1	ND	---	---	---	1	mg/kg
Benzotrichloride	98-07-7	ND	---	---	---	1	mg/kg
Benzyl Chloride	100-44-7	ND	---	---	---	1	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million)

LT = Less than

ND = Not detected (Reporting Limit = 1 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



Detailed results

Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Cadmium, Hexavalent Chromium, Arsenic, Lead and Their Compounds

Test Method: EN 16711-2:2015;
ISO 17075-1:2017
Analytical Method: Inductively Coupled Plasma-Mass Spectrometry (ICP-MS);
Ultraviolet-Visible Spectrophotometry

Specimen No.		C1+C2	C22	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Cadmium & cadmium compounds	7440-43-9	ND	ND	---	---	1	mg/kg
Chromium VI compounds	---	ND	ND	---	---	1	mg/kg
Arsenic compounds	---	ND	ND	---	---	1	mg/kg
Lead & lead compounds	7439-92-1	ND	ND	---	---	1	mg/kg
Conclusion		Pass	Pass	---	---		

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million)

LT = Less than

ND = Not detected (Reporting Limit = 0.5 mg/kg)

Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.





Detailed results

Regulation (EC) No 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Formaldehyde

Test Method: ISO 14184-1:2011
Analytical Method: Ultraviolet-Visible Spectrophotometry

Specimen No.		C1+C2+C2 2	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Formaldehyde	50-00-0	ND	---	---	---	75	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million)

LT = Less than

ND = Not detected (Reporting Limit = 16 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 46 Nonylphenol (NP) and Nonylphenol Ethoxylates (NPEO)

Test Method: In-house method

Analytical Method: Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Specimen No.		C1+C2+C2 2	C6+C7+C8	C11+C12+ C14	C15+C16	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Nonyl phenol (NP)	25154-52-3	ND	ND	ND	ND	1000	mg/kg
Nonylphenol Ethoxylate (NPEOs)	68412-54-4	ND	ND	ND	ND	1000	mg/kg
Conclusion		Pass	Pass	Pass	Pass		

Specimen No.		C17+C20	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Nonyl phenol (NP)	25154-52-3	ND	---	---	---	1000	mg/kg
Nonylphenol Ethoxylate (NPEOs)	68412-54-4	ND	---	---	---	1000	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 50 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography-Mass Spectrometry (GC-MS)

Specimen No.		C3	C5+C18+C19	C9	C10+C21	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.1	% w/w
Butyl benzyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.1	% w/w
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.1	% w/w
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.1	% w/w
Sum of DBP, BBP, DEHP, DIBP	---	ND	ND	ND	ND	0.1	% w/w
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	---	% w/w
Diisononyl phthalate (DINP)	28553-12-0 / 68515-48-0	ND	ND	ND	ND	---	% w/w
Diisodecyl phthalate (DIDP)	26761-40-0 / 68515-49-1	ND	ND	ND	ND	---	% w/w
Sum of DnOP, DINP, DIDP	---	ND	ND	ND	ND	0.1	% w/w
Conclusion		Pass	Pass	Pass	Pass		

Specimen No.		C13	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	0.1	% w/w
Butyl benzyl phthalate (BBP)	85-68-7	ND	---	---	---	0.1	% w/w
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	ND	---	---	---	0.1	% w/w
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	0.1	% w/w
Sum of DBP, BBP, DEHP, DIBP	---	ND	---	---	---	0.1	% w/w
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	---	% w/w
Diisononyl phthalate (DINP)	28553-12-0 / 68515-48-0	ND	---	---	---	---	% w/w





Specimen No.		C13	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Diisodecyl phthalate (DIDP)	26761-40-0 / 68515-49-1	ND	---	---	---	---	% w/w
Sum of DnOP, DINP, DIDP	---	ND	---	---	---	0.1	% w/w
Conclusion		Pass	---	---	---		

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: AfPS GS 2019:01 PAK
Analytical Method: Gas Chromatography-Mass Spectrometry (GC-MS)

Specimen No.		C13	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Benzo (a) pyrene	50-32-8	ND	---	---	---	1	mg/kg
Benzo (e) pyrene	192-97-2	ND	---	---	---	1	mg/kg
Benzo[a]anthracene	56-55-3	ND	---	---	---	1	mg/kg
Chrysene	218-01-9	ND	---	---	---	1	mg/kg
Benzo (b) fluoranthene	205-99-2	ND	---	---	---	1	mg/kg
Benzo (j) fluoranthene	205-82-3	ND	---	---	---	1	mg/kg
Benzo[k]fluoranthene	207-08-9	ND	---	---	---	1	mg/kg
Dibenzo (a,h) anthracene	53-70-3	ND	---	---	---	1	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 0.2 mg/kg)



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII Item 72, Certain Substances Classified as Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) - Quinoline

Test Method: DIN 54231:2022-09

Analytical Method: Liquid Chromatography-Mass Spectrometry (LC-MS)

Specimen No.		C1+C2+C2 2	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Quinoline	91-22-5	ND	---	---	---	50	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million)

LT = Less than

ND = Not detected. Result value is less than reporting limit (Reporting Limit = 15 mg/kg).

Composite results are based on specimen of least mass resulting in highest potential concentration.



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-23 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)

Specimen No.		C5+C18+C19	C9	C10+C21	C13	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Cadmium (Cd)	7440-43-9	ND	ND	ND	ND	100	mg/kg
Conclusion		Pass	Pass	Pass	Pass		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 20 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Paints and Surface Coatings

Test Method: ASTM F963-23 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)

Specimen No.		C3	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Cadmium (Cd)	7440-43-9	ND	---	---	---	1000	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 20 mg/kg)



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal);
CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)

Specimen No.		C4	C5+C18+C19	C9	C10+C21	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Lead (Pb)	7439-92-1	22	ND	ND	ND	500	mg/kg
Conclusion		Pass	Pass	Pass	Pass		

Specimen No.		C13	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Lead (Pb)	7439-92-1	ND	---	---	---	500	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 20 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1 (Coating)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)

Specimen No.		C3	---	---	---	Limit	Unit
Test Item	CAS No.	Result	Result	Result	Result		
Lead (Pb)	7439-92-1	ND	---	---	---	500	mg/kg
Conclusion		Pass	---	---	---		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 20 mg/kg)



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Specimen description

Specimen #	Specimen description	Location
C1	Black textile	420317 black style-main body/front pocket/420277 black style-main body/420272 black style-main body/pocket/straps front/zipper puller tape base
C2	Black textile	420317 black style-zipper puller tape/420277 black style-handle/straps/rope/zipper puller tape/420272 black style-handle/zipper puller tape/straps joint tape/back tape
C3	Black coating	All styles-zipper head
C4	Silvery metal	All styles-zipper head
C5	Black soft plastic	All styles-zipper teeth
C6	Black textile	420317 black style-zipper cloth
C7	Grey textile	420317 black style-lining edge
C8	Grey textile	420317 black style-lining
C9	Black coated white label	All styles-label
C10	White foam	420317 black style-filler/420277 black style-base filler
C11	Black textile	420317 black style-front pocket inner/filler
C12	Black textile	420317 black style-front pocket inner pocket/420277 black style-lining/lining pocket/420272 black style-lining
C13	Black plastic	420277 black style-adjustable buckle/lobster clasp/lobster clasp base/420272 black style-adjustable buckle
C14	Black textile	420277 black style/420272 black style-zipper cloth
C15	Black textile	420277 black style-lining edge/420272 black style-top pocket lining edge/lining edge
C16	Black mesh hole textile	420272 black style-lining pocket
C17	Black textile	420272 black style-lining elastic
C18	Black soft plastic	420272 black style-lining elastic
C19	Black soft plastic	420272 black style-lining velcro hook
C20	Black textile	420272 black style-lining velcro loop
C21	Black foam	420272 black style-lining dam-board filler/straps filler/back filler
C22	Black mesh hole textile	420272 black style-straps back





Pictures

Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



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