

Test report

24A-004239(A1)



Verify Report

Overall result

PASS

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

Client information

Client: Mid Ocean Brands B.V.
Address: 7/F, Kings Tower, 111 King Lam Street,
Cheung Sha Wan, Kowloon, Hong Kong



Sample information

Description: Bike repair kit	Labeled age grade: -
SKU/style #: MO8281	Tested age grade: -
Country of origin: -	Vendor code: 118518
Country of distribution: Europe	
Materials: Carbon steel, polyester	
Quantity submitted: 1 set + a lot parts	

General information

Sample receipt date: 15-Apr-2024	Report date: 17-May-2024
Testing period: 18-Apr-2024 to 08-May-2024, 15-May-2024 to 17-May-2024	

QIMA (Hangzhou) Testing Co., Ltd.

Carina Zhou

Carina Zhou
Textile Laboratory Leader

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

Jeremy Xu
Chemical Laboratory Manager



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 1 of 22



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 63 Lead 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 23 Cadmium in Paints and Surface Coatings	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 20 Organostannic Compounds	PASS
Regulation (EC) No. 2019/1021 Persistent Organic Pollutants , ANNEX I and its amendment (EU) 2021/277- Pentachlorophenol	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 48, Toluene	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 5 Benzene	PASS
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles	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-Chloroform Content ^ϕ	PASS
Colour Fastness to Rubbing	PASS

Note:

Test(s) marked with ^ϕ indicate tests performed in external laboratories.





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
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	10	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	500
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Remark:

By client's request, selected components were conducted for this section.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
10	24A-003146(A1)	10	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China



Detailed results

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

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	23	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	11	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-003146(A1)	1	08-Apr-2024
2	24A-003146(A1)	2	08-Apr-2024
3	24A-003146(A1)	3	08-Apr-2024
4	24A-003146(A1)	4	08-Apr-2024
5	24A-003146(A1)	5	08-Apr-2024
6	24A-003146(A1)	6	08-Apr-2024
7	24A-003146(A1)	7	08-Apr-2024
8	24A-003146(A1)	8	08-Apr-2024
9	24A-003146(A1)	9	08-Apr-2024
11	24A-003146(A1)	11	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 4 of 22



Detailed results

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

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	12	13	14	15	16	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	500
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
12	24A-003146(A1)	12	08-Apr-2024
13	24A-003146(A1)	13	08-Apr-2024
14	24A-003146(A1)	14	08-Apr-2024
15	24A-003146(A1)	15	08-Apr-2024
16	24A-003146(A1)	16	08-Apr-2024
17	24A-003146(A1)	17	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 5 of 22



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

Specimen No.	10	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	1000
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Remark:

By client's request, selected components were conducted for this section.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
10	24A-003146(A1)	10	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China



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

Specimen No.	1	4	5	7	8	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	9	13	14	15	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	100
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-003146(A1)	1	08-Apr-2024
4	24A-003146(A1)	4	08-Apr-2024
5	24A-003146(A1)	5	08-Apr-2024
7	24A-003146(A1)	7	08-Apr-2024
8	24A-003146(A1)	8	08-Apr-2024
9	24A-003146(A1)	9	08-Apr-2024
13	24A-003146(A1)	13	08-Apr-2024
14	24A-003146(A1)	14	08-Apr-2024
15	24A-003146(A1)	15	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 7 of 22



Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 20 Organostannic Compounds

Test Method: In-House method
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	8	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Tributyltin (TBT)	ND	---	---	---	---	
Triphenyltin (TPHT)	ND	---	---	---	---	
Sum of TBT and TPHT	ND	---	---	---	---	1000
Dibutyltin (DBT)	ND	---	---	---	---	1000
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 100 mg/kg)

If composite test is applied, composite results are based on specimen of least mass resulting in highest potential concentration.

Remark: Dioctyltin (DOT) is required only for below products and materials:

- Textile articles intended to come into contact with the skin
- Gloves
- Footwear or part of footwear intended to come into contact with the skin
- Wall and floor coverings
- Childcare articles
- Female hygiene products
- Nappies
- Two-component room temperature vulcanization moulding kits (rtv-2 moulding kites)

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	24A-003146(A1)	8	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 8 of 22



Detailed results

Regulation (EC) No. 2019/1021 Persistent Organic Pollutants , ANNEX I and its amendment (EU) 2021/277- Pentachlorophenol

Test Method: In-House Method
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	8	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Pentachlorophenol (PCP) and its salts and ester	ND	---	---	---	---	5
Conclusion	PASS	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	24A-003146(A1)	8	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyao Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 9 of 22



Detailed results

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

Test Method: AfPS GS 2019:01
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	5+7+15	8	9	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	ND	ND	1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND	ND	1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND	ND	1
Chrysene (CHR)	218-01-9	ND	ND	ND	ND	1
Benzo [b] fluoranthene (BbFA)	205-99-2	ND	ND	ND	ND	1
Benzo [j] fluoranthene (BjFA)	205-82-3	ND	ND	ND	ND	1
Benzo [k] fluoranthene (BkFA)	207-08-9	ND	ND	ND	ND	1
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND	ND	ND	ND	1
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-003146(A1)	1	08-Apr-2024
5+7+15	24A-003146(A1)	5+7+15	08-Apr-2024
9	24A-003146(A1)	9	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 10 of 22



Detailed results

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

Test Method: AfPS GS 2019:01
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		10	13	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	---	---	1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	---	---	1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	---	---	1
Chrysene (CHR)	218-01-9	ND	ND	---	---	1
Benzo [b] fluoranthene (BbFA)	205-99-2	ND	ND	---	---	1
Benzo [j] fluoranthene (BjFA)	205-82-3	ND	ND	---	---	1
Benzo [k] fluoranthene (BkFA)	207-08-9	ND	ND	---	---	1
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND	ND	---	---	1
Conclusion		PASS	PASS	---	---	

Note:
mg/kg = Milligrams per kilogram
LT = Less than
ND = Not detected (Reporting Limit = 0.2 mg/kg)

Remark:
By client's request, selected components were conducted for this section.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
13	24A-003146(A1)	13	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 11 of 22



Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 48, Toluene

Test Method: In-House Method
Analytical Method: Head Space Gas Chromatography with Mass Spectrometry

Specimen No.		8	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Toluene	108-88-3	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	24A-003146(A1)	8	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China



Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 5 Benzene

Test Method: In-House Method
Analytical Method: Headspace Gas Chromatography with Mass Spectrometry

Specimen No.	8	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzene	71-43-2	ND	---	---	5
Conclusion	PASS	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
8	24A-003146(A1)	8	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 13 of 22



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 with Mass Spectrometry, Liquid Chromatography with Diode Array Detection / Liquid Chromatography with Mass Spectrometry

Specimen No.		1	2	3	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
4-aminobiphenyl	92-67-1	ND	ND	ND	---	30
Benzidine	92-87-5	ND	ND	ND	---	30
4-chloro-o-toluidine	95-69-2	ND	ND	ND	---	30
2-naphtylamine	91-59-8	ND	ND	ND	---	30
o-Aminoazotoluene	97-56-3	ND	ND	ND	---	30
5-nitro-o-toluidine	99-55-8	ND	ND	ND	---	30
4-chloroaniline	106-47-8	ND	ND	ND	---	30
2,4-diaminoanisoie	615-05-4	ND	ND	ND	---	30
4,4'-methylenedianiline	101-77-9	ND	ND	ND	---	30
3,3'-dichlorobenzidine	91-94-1	ND	ND	ND	---	30
o-dianisidine	119-90-4	ND	ND	ND	---	30
3,3'-dimethylbenzidine	119-93-7	ND	ND	ND	---	30
4,4'-methylenedi-o-toluidine	838-88-0	ND	ND	ND	---	30
p-cresidine	120-71-8	ND	ND	ND	---	30
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	ND	ND	ND	---	30
4,4'-oxydianiline	101-80-4	ND	ND	ND	---	30
4,4'-thiodianiline	139-65-1	ND	ND	ND	---	30
o-toluidine	95-53-4	ND	ND	ND	---	30
2,4-diaminotoluene	95-80-7	ND	ND	ND	---	30
2,4,5-trimethylaniline	137-17-7	ND	ND	ND	---	30
2-methoxyaniline	90-04-0	ND	ND	ND	---	30
4-aminoazobenzene	60-09-3	ND	ND	ND	---	30
Conclusion		PASS	PASS	PASS	---	



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China



Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-003146(A1)	1	08-Apr-2024
3	24A-003146(A1)	3	08-Apr-2024



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 with Mass Spectrometry

Specimen No.		1	8	9+15	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	1000
Sum of DBP, BBP, DEHP, DIBP		ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	
Sum of DnOP, DINP, DIDP		ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-003146(A1)	1	08-Apr-2024



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyuan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 16 of 22



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 with Mass Spectrometry

Specimen No.		10-1	13	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	---	1000
Sum of DBP, BBP, DEHP, DIBP		ND	ND	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	---	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	
Sum of DnOP, DINP, DIDP		ND	ND	---	1000
Conclusion		PASS	PASS	---	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Remark:

By client's request, selected components were conducted for this section.



Verify Report





Detailed results

Regulation (EC) No. 1907/2006-REACH-Chloroform Content ^φ

Test Method: In-House Method
Analytical Method: Gas Chromatography

Specimen No.	8	---	---	---	---	Limit (%)
Test Item	Result (%)	Result (%)	Result (%)	Result (%)	Result (%)	
Chloroform	ND	---	---	---	---	Not Detected
Conclusion	PASS	---	---	---	---	

Note:

MDL-Method Detection Limit

ND = Not detected (Reporting Limit = 0.0001%)



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyao Subdistrict, Binjiang District, Hangzhou, China



Detailed results

Colour Fastness to Rubbing

Test Method: ISO 105-X12: 2016, Size of rubbing finger: 16mm dia.

Specimen No.	1	2	3	18	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4-5	4	4-5	4-5	---	Min. 2-3
Wet staining	4-5	4	4-5	4-5	---	Min. 2-3
Conclusion	PASS	PASS	PASS	PASS	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
18	24A-003146(A1)	18	08-Apr-2024



Verify Report





Specimen description

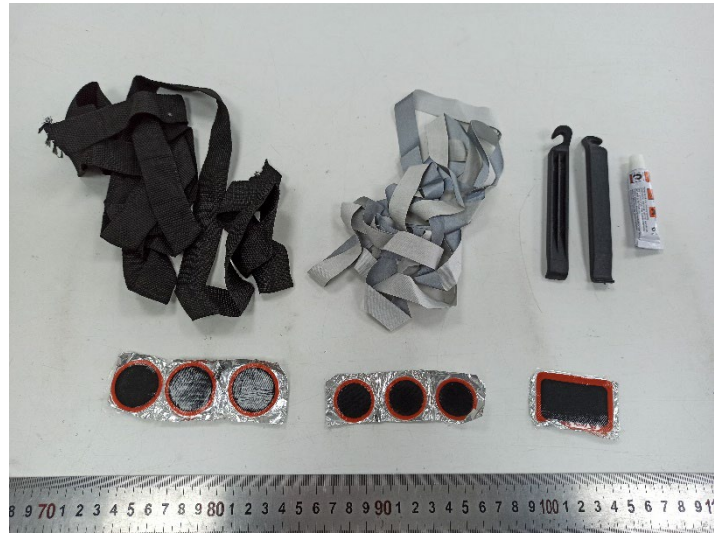
Specimen #	Specimen description	Location
1	Blue coated blue textile	Main body
2	Argenteous coated white textile	Reflective stripe
3	Black textile	Edge
4	Black textile	Velcro loop
5	Black soft plastic	Velcro hook
6	Black textile	Handle
7	Black plastic	Plastic tool
8	Transparent glue	Glue
9	White plastic	Lid of glue
10	Multi-color coating	Tube of glue
10-1	Multi-color coating	Tube of glue
11	Silvery metal	Tube of glue
12	Silvery metal	Metal sheet
13	Black/orange soft plastic	Patch
14	Silvery foil	Patch base
15	Black plastic	Multifunctional screwdriver
16	Silvery metal	Multifunctional screwdriver
17	Silvery metal	Sleeve
18	Blue fabric	Raw material





Pictures

Sample photo:



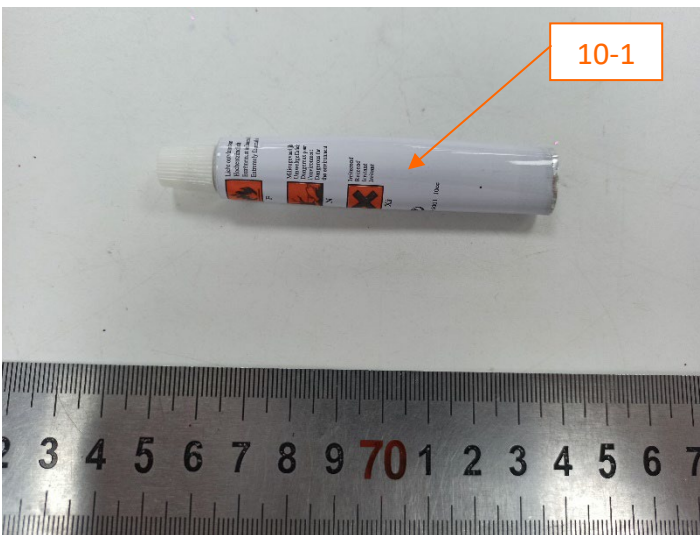
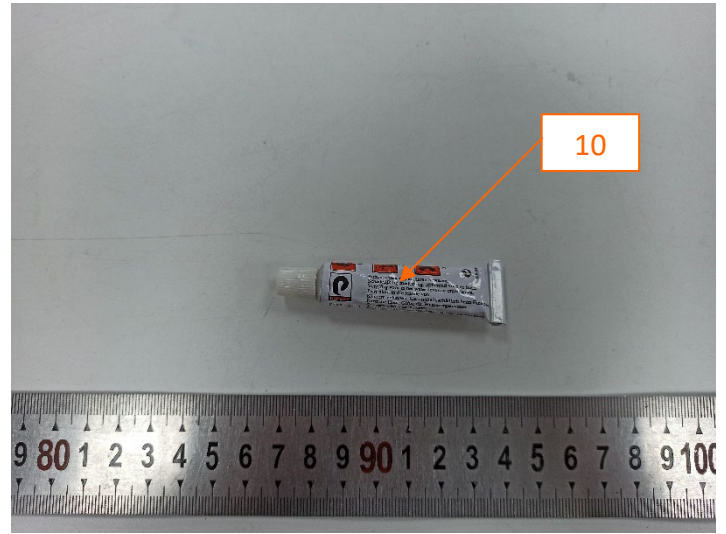
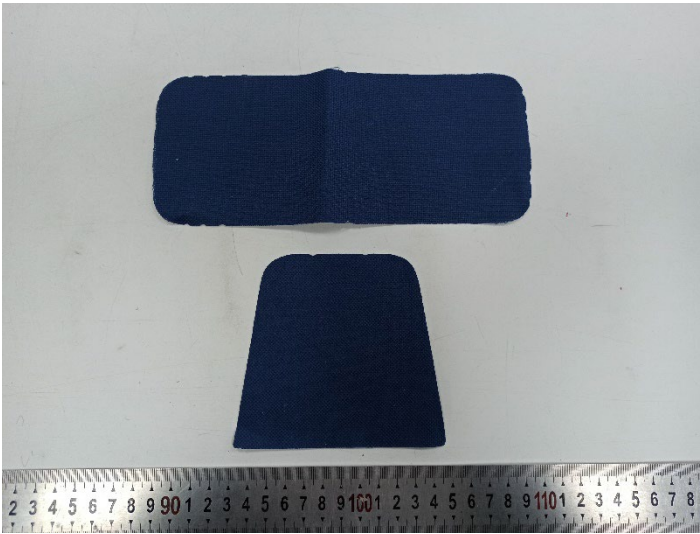
Verify Report





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.



Verify Report



QIMA (Hangzhou) Testing Co., Ltd.
Room 401 4-5/F, Building 1, No.1213 Huoju South Road,
Puyan Subdistrict, Binjiang District, Hangzhou, China

support@qima.com • ©QIMA Limited
CS-HZ-RE001 ver1.0
Page 22 of 22