

TEST REPORT

Test Report # 23D-000664(A1)(R1) Date of Report Issue: August 9, 2023
Date of Sample Received: July 17, 2023 Pages: Page 1 of 16

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description: Lightweight sneakers
Assortment: - Purchase Order Number: -
SKU/Style/UPC No.: MO2037,MO2038,MO2039 ,MO2040,MO2041,MO204 2,MO2043,MO2044,MO20 45 Toy Co./Agency: -
§Factory/Supplier/Vendor: 118518 Buyer: -
Country of Origin: - Labeled Age Grade: -
Country of Distribution: Europe Recommended Age Grade: -
Quantity Submitted: 1 Pair + 1 lot parts Tested Age Grade: -
Testing Period: 07/18/2023 – 07/27/2023 Materials: PU, polyester, PVC

OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Hansecontrol Testing Service (Dongguan)
Co. Ltd.

Sikin Wang Xi Jian
Organic & Inorganic Leader, Chemical Laboratory

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 61 - Dimethyl Fumarate Content
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 8 Flame Retardants - PBB Polybromobiphenyls & Polybrominatedbiphenyls Content
PASS	Regulation (EC) No. 1907/2006 REACH, Flame Retardants Content (TRIS/PBBs/TEPA/OctaBDE)
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, Item 20 Organostannic Compounds
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 Hydrocarbon (PAH)
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 63 Lead in Substrate Materials
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 68, C9-C14 PFCA substances content
PASS	Regulation (EC) No.1907/2006-REACH-Polychlorinated Terphenyl (PCTs) Content ^φ

Note:

[§]Revised information and supersedes the previous Report No. 23D-000664(A1).

Appendix I attached.

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 61 - Dimethyl Fumarate Content

Test Method: In house method
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dimethyl Fumarate (DMFu)	624-49-7	ND	ND	ND	0.1
Conclusion		PASS	PASS	PASS	

Specimen No.		8+9+10	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dimethyl Fumarate (DMFu)	624-49-7	ND	---	---	0.1
Conclusion		PASS	---	---	

Note:
 mg/kg = milligram per kilogram by mass
 LT = Less than
 ND = Not detected (Reporting Limit = 0.05 mg/kg)

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 8 Flame Retardants - PBB Polybromobiphenyls & Polybrominatedbiphenyls Content

Test Method: In house method
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		8+9+10	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
PBB Polybromobiphenyls & Polybrominatedbiphenyls	59536-65-1	ND	---	---	Not Detected
Conclusion		PASS	---	---	

Note:

mg/kg = milligram per kilogram by mass

LT = Less than

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

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH, Flame Retardants Content (TRIS/PBBs/TEPA/OctaBDE)

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

Specimen No.		8+9+10	---	---	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
TRIS (Tris (2,3 dibromopropyl) phosphate)	126-72-7	ND	---	---	Not Detected
PBBs (Polybromobiphenyls)	59536-65-1	ND	---	---	Not Detected
TEPA (Tris (aziridiny) phosphin oxide)	545-55-1	ND	---	---	Not Detected
OctaBDE (Octabromodiphenyl ether)	---	ND	---	---	1000
Conclusion		PASS	---	---	

Note:

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

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.

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: Gas Chromatography with Mass Spectrometry,
 Liquid Chromatography with Mass Spectrometry

Specimen No.		8	9	10	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Nonylphenol (NP)	25154-52-3	ND	ND	ND	---	1000
Nonylphenol Ethoxylates (NPEO)	-	ND	539	ND	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

DETAILED RESULTS:

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

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

Specimen No.	1+2+3	4+5+6	7	8+9+10	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Tributyltin (TBT)	ND	ND	ND	ND	---	
Triphenyltin (TPHT)	ND	ND	ND	ND	---	
Sum of TBT and TPHT	ND	ND	ND	ND	---	1000
Dibutyltin (DBT)	ND	ND	ND	ND	---	1000
Diocetyl tin (DOT)	ND	ND	ND	ND	---	1000
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 10 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 as Amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4
 Test Instrument: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.1
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.1
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.1
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	0.1
Sum of DBP, BBP, DEHP, DIBP		ND	ND	ND	0.1
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	0.1
Conclusion		PASS	PASS	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.

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+2+3	4+5+6	7	---	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	---	1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND	---	1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND	---	1
Chrysene (CHR)	218-01-9	ND	ND	ND	---	1
Benzo [b] fluroanthene (BbFA)	205-99-2	ND	ND	ND	---	1
Benzo [j] fluroanthene (BjFA)	205-82-3	ND	ND	ND	---	1
Benzo [k] fluroanthene (BkFA)	207-08-9	ND	ND	ND	---	1
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND	ND	ND	---	1
Conclusion		PASS	PASS	PASS	---	

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

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

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7	---	---	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	---	---	100
Conclusion	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.

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+6	7	8+9+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	ND	ND	29	---	500
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.

DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 68, C9-C14 PFCAs substances content

Test Method: In-House Method
 Analytical Method: Liquid Chromatography with Mass Spectrometry Mass Spectrometry (LC-MS-MS),
 Gas Chromatography with Mass Spectrometry (GC-MS)

C9-C14 PFCAs, its salts and C9-C14 PFCAs related compounds

Specimen No.	2	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
C9-C14 PFCAs acid and its salts*	ND	---	---	---	0.025
C9-C14 PFCAs related compounds *	ND	---	---	---	0.26
Conclusion	PASS	---	---	---	

*Refer to List of Per-and Polyfluoroalkyl Substances (PFAS)

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 C9-C14 PFCAs acid and its salts = 0.025 mg/kg, C9-C14 PFCAs related compounds = 0.1 mg/kg)

List of Per-and Polyfluoroalkyl Substances (PFAS)

Per-and Polyfluoroalkyl Substances (PFAS) Content		
Chemical Substance	Abbreviation	CAS No.
C9-C14 PFCAs acid and its salts		
Perfluorononanoic acid	PFNA	375-95-1
Perfluorodecanoic acid	PFDA	335-76-2
Perfluoroundecanoic acid	PFUnDA	2058-94-8
Perfluorododecanoic acid	PFDoDA	307-55-1
Perfluorotridecanoic acid	PFTTrDA	72629-94-8
Perfluorotetradecanoic acid	PFTeDA	376-06-7
Sodium perfluorononanoate	PFNA-Na	21049-39-8
Ammonium perfluorononanoate	PFNA-NH4	4149-60-4
Sodium Perfluorodecanoate	PFDA-Na	3830-45-3
Ammonium perfluorodecanoate	PFDA-NH4	3108-42-7
Ammonium tricosafuorododecanoate	PFDoDA-NH4	3793-74-6
C9-C14 PFCAs related compounds		

QIMA Hansecontrol Testing Service (Dongguan) Co. Ltd. ♦ Room 101, Building 1, No. 6, Changsheng Road, Changkeng, Liaobu Town, Dongguan City, 523400 Guangdong, P.R.China ♦ Tel: (86) 769 8920 1868

Test(s) marked with 'ϕ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and 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>.

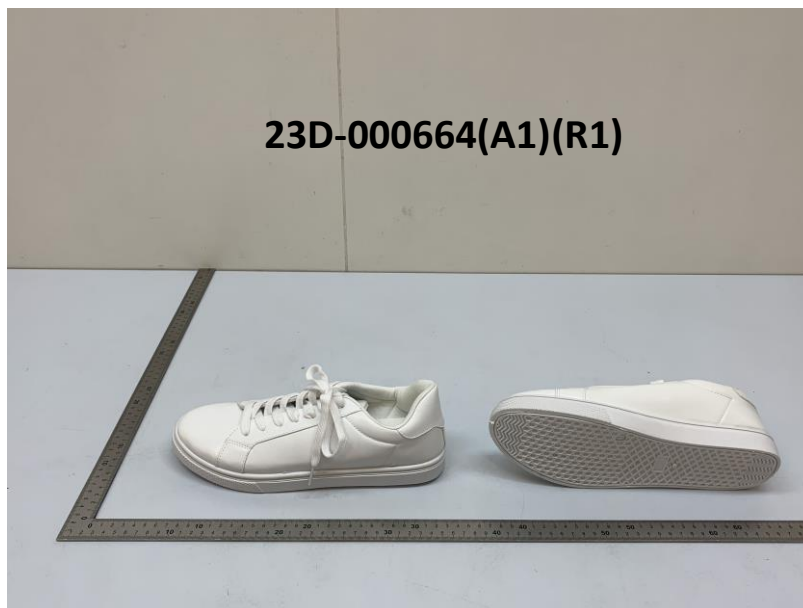
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1H,1H,2H,2H-perfluoro-1-dodecanol	10:2 FTOH	865-86-1
1H,1H,2H,2H- perfluorododecylacrylate	10:2FTA	17741-60-5

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White plastic	Outsole
2	White plastic with white fabric backing	Upper/tongue
3	Translucent plastic	Shoelace aglet
4	Beige foam	Insole
5	§White non woven fabric	Lining
6	White foam	Lining
7	§White foam	Toe lining
8	White fabric	Lining
9	White fabric	Toe lining
10	White yarn	Shoelace

SAMPLE PHOTO:



-End Report-

Appendix I

The test was performed by Bureau Veritas Consumer Products Services
(Guangzhou) Co., Ltd.

§Test Report No. (9323)202-1436-R1.



TEST REPORT

LAB NO. : (9323)202-1436-R1
DATE : Aug 01, 2023
PAGE : 1 OF 5

The report is amendment of and supersedes the previous report (9323)202-1436 dated Jul 27, 2023

APPLICANT : **QIMA HANSECONTROL TESTING SERVICE (DONGGUAN) CO.LTD.**
ROOM 101, BUILDING 1, CHANGSHENG RD NO.6,
CHANGKENG, LIAOBU TOWN, DONGGUAN CITY 523400
GUANGDONG P.R.CHINA

CONTACT PERSON : /

DATE OF SUBMISSION : Jul 21, 2023

TEST PERIOD : Jul 21, 2023 to Jul 26, 2023

SAMPLE DESCRIPTION : Lightweight sneakers

Color: /

Style no. / Model no.: /

P.O. No.: /

Country of Origin: /

Country of Destination: /

MANUFACTURER :

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Polychlorinated Terphenyl (PCTs) - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII with its Latest Amendment, Entry 1	PASS	

RW

Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd
No. 183, Shinan Road, Meilin Plaza, Dongchong, Nansha, Guangzhou, Guangdong Province, China 511453
Tel: (86) 20 2290 2088 Fax: (86) 20 3490 9303
Email: BVCPs_pyinfo@bureauveritas.com
Website: cps.bureauveritas.com

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SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item	Sample Description
1	White plastic with white fabric backing

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

KENNY WANG
OPERATION MANAGER



REMARK

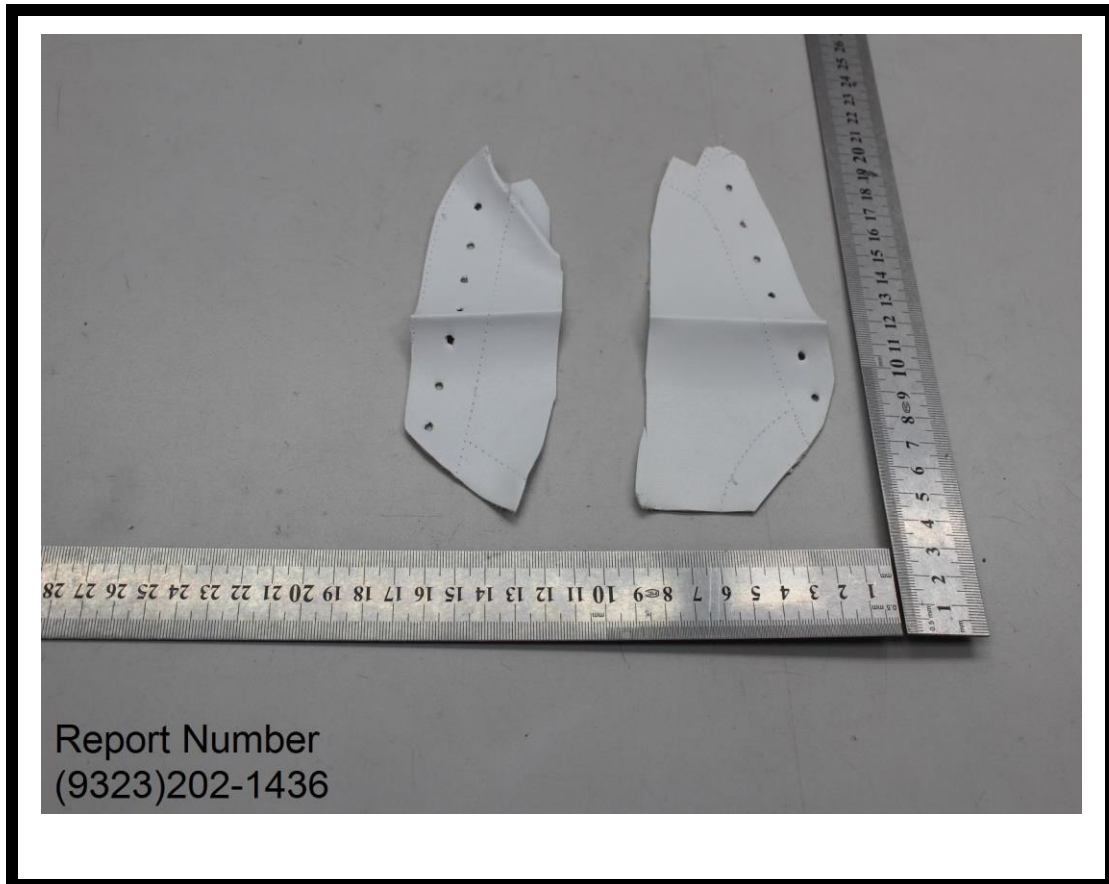
If there are questions or concerns on this report, please contact the following persons:

- a) GENERAL TEL: (86)755 83437287
FAX: (86)755 83439100
- b) BUSINESS SZ TEL: (86)755 21534695
FAX: (86)755 83439100
BUSINESS GZ TEL: (86) 20 87148525
FAX: (86) 20 87148528
- EMAIL: eechemical.sc@bureauveritas.com
WEBSITE: cps.bureauveritas.cn



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Photo of the Submitted Sample





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TEST RESULT

Polychlorinated Terphenyl (PCTs) - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII with its Latest Amendment, Entry 1

Limit :	Not detected		
Test Item(s)	Result	Unit	Conclusion
1	ND	%	PASS

Note / Key :

ND = Not detected
1 % = 10 000 mg/kg
Detection Limit (%) - 1

“>” = Greater than % = percent
mg/kg = milligram(s) per kilogram = ppm = part(s) per million



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AMENDMENT DETAILS

No.	Changes
1	Revise item description

END