

Test report

T-24134527-11-R1



Verify Report

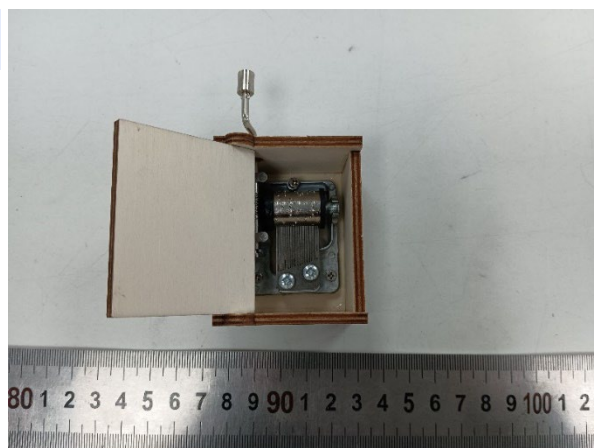
Overall result

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: Wooden Hand Crank Music Box	Labeled age grade: -
SKU/style #: CX1478	Tested age grade: -
Country of origin: -	Vendor code: 118518
Country of distribution: Europe	
Materials: MDF	
Quantity submitted: 4 styles	

General information

Sample receipt date: 12-Aug-2024	Report date: 16-Aug-2024
Testing period: 13-Aug-2024 to 15-Aug-2024	

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



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 Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials	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 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 77 Formaldehyde	Pass



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	ND	ND	ND	ND	500
Conclusion	Pass	Pass	Pass	Pass	Pass	

Specimen No.	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	16	ND	ND	ND	500
Conclusion	Pass	Pass	Pass	Pass	Pass	

Specimen No.	11	12	13+14	---	---	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	---	---	500
Conclusion	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-004624(A1)	1	29-Apr-2024
2	24A-004624(A1)	2	29-Apr-2024
3	24A-004624(A1)	3	29-Apr-2024
4	24A-004624(A1)	4	29-Apr-2024
5	24A-004624(A1)	5	29-Apr-2024
6	24A-004624(A1)	6	29-Apr-2024
7	24A-004624(A1)	7	29-Apr-2024
8	24A-004624(A1)	8	29-Apr-2024
9	24A-004624(A1)	9	29-Apr-2024
10	24A-004624(A1)	10	29-Apr-2024
11	24A-004624(A1)	11	29-Apr-2024
12	24A-004624(A1)	12	29-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.	13+14	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	100
Conclusion	Pass	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/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.	
13+14	24A-006444(A1)	13+14	01-Aug-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. 2019/1021 Persistent Organic Pollutants , ANNEX I and its amendment (EU) 2021/277- Pentachlorophenol

Test Method: CEN/TR 14823:2003
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	1	---	---	---	---	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.	
1	24A-004624(A1)	1	29-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 50 Polycyclic Aromatic Hydrocarbon (PAH)

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

Toys and childcare articles

Specimen No.		13+14	---	---	---	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	---	---	---	0.5
Benzo [e] pyrene (BeP)	192-97-2	ND	---	---	---	0.5
Benzo [a] anthracene (BaA)	56-55-3	ND	---	---	---	0.5
Chrysene (CHR)	218-01-9	ND	---	---	---	0.5
Benzo [b] fluoranthene (BbFA)	205-99-2	ND	---	---	---	0.5
Benzo [j] fluoranthene (BjFA)	205-82-3	ND	---	---	---	0.5
Benzo [k] fluoranthene (BkFA)	207-08-9	ND	---	---	---	0.5
Dibenzo [a,h] anthracene (DBA _h A)	53-70-3	ND	---	---	---	0.5
Conclusion		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.	
13+14	24A-006444(A1)	13+14	01-Aug-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 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.		13+14	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	1000
Sum of DBP, BBP, DEHP, DIBP		ND	---	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	
Sum of DnOP, DINP, DIDP		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 = 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.	
13+14	24A-006444(A1)	13+14	01-Aug-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 77 Formaldehyde

Test Method: According to EN717-1:2004
Analytical Method: Ultraviolet-Visible Spectrophotometry

Specimen No.		1	---	---	---	Limit (mg/m ³)
Test Item	CAS No.	Result (mg/m ³)	Result (mg/m ³)	Result (mg/m ³)	Result (mg/m ³)	
Formaldehyde	50-00-0	0.053	---	---	---	0.062
Conclusion		Pass	---	---	---	

Note:

mg/m³= Milligrams per cubic meter

ND = Not detected (Reporting Limit = 0.025 mg/m³)

Conditions of Test Chamber:

Volume: 1 m³

Temperature: 23°C

Relative Humidity: 45 %

Air Exchange Rate: 1/h

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1	24A-006444(A1)	1	01-Aug-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



Specimen description

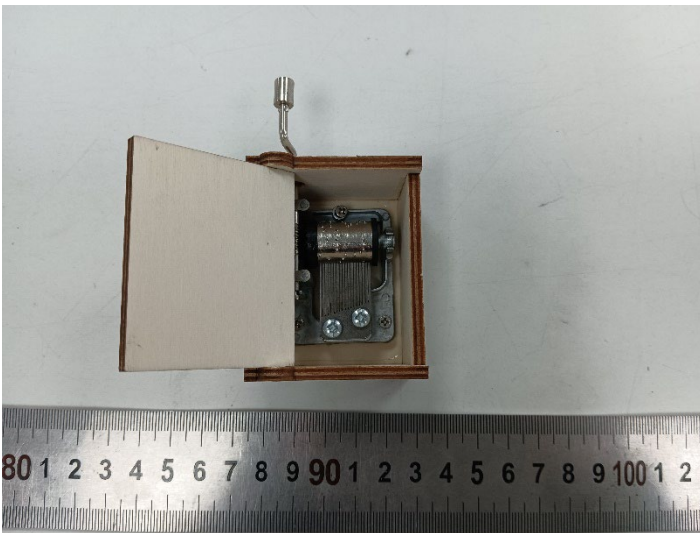
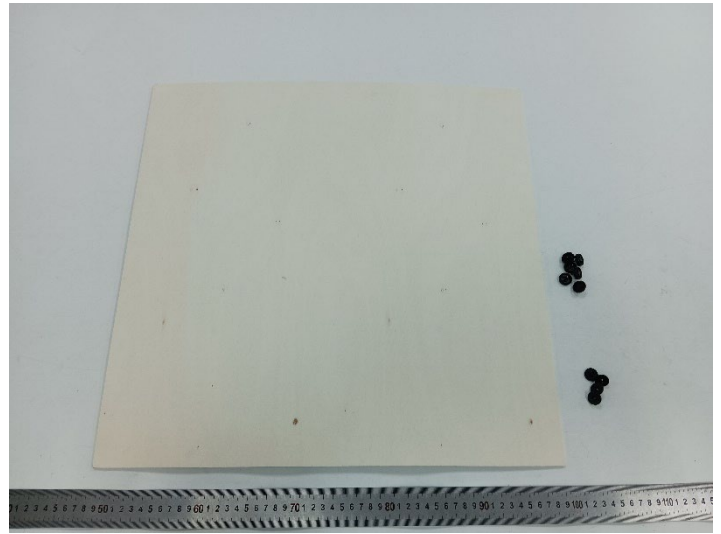
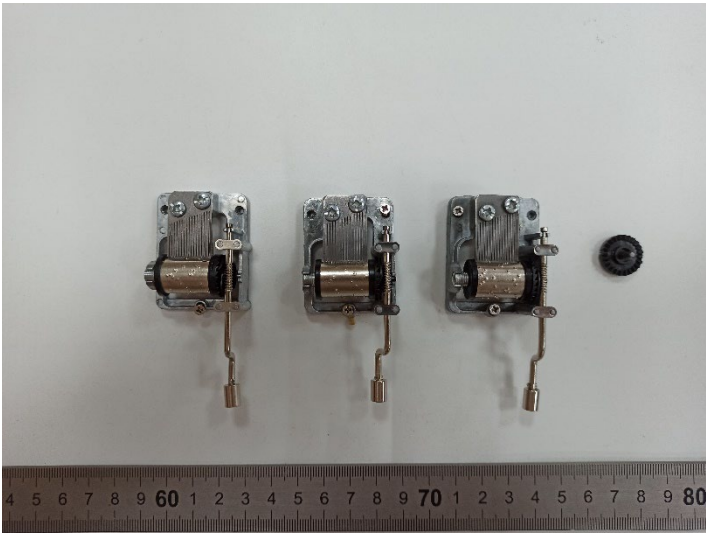
Specimen #	Specimen description	Location
1	Natural wood	Box
2	Black plastic	Both ends of roller
3	Silvery metal	Fixing plate
4	Silvery metal	Rocker
5	Silvery metal	Rocker handle
6	Silvery metal	Thin axis of roller
7	Silvery metal	Bottom frame
8	Silvery metal	Thick axis of roller
9	Silvery metal	Roller
10	Dull silvery metal	Reed
11	Silvery metal	Big screw
12	Silvery metal	Small screw
13	Black plastic	Gear
14	Black plastic	Part





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
Page 10 of 10