



Test Report

No.T52410301833TC-01

Date: AUG 16, 2024

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BTL DIFFUSION
16, RUE ANATOLE MOUSSU - ZA MÉRÉ NORD EST 78490 MÉRÉ, FRANCE

This report supersedes all the previous documents bearing the test report number T52410301833TC

The following samples were submitted and identified by/on behalf of the client as:

- WOODEN MEDALLION KEEPSAKE
2 MAGNETIC KEEPSAKES
BABY BOX ROUND - RAINBOW TERRACOTTA
BABY BOX ROUND - LITTLE PRAIRIE
BABY BOX SQUARE - PRETTY HEARTS
BABY BOX SQUARE - OLIVE TREE
CLASSIC FRAME - DAISY OCHRE
CLASSIC FRAME - IVY GREY
PRINT BOX - PRETTY HEARTS
PRINT BOX - RAINBOW
2 PRINTS FRAME - BLUE ABSTRACT
2 PRINTS FRAME - RAINBOW TERRACOTTA
DOUBLE FRAME - PRETTY HEARTS
DOUBLE FRAME - OLIVE TREE
DUO FRAME - PRETTY HEARTS
DUO FRAME - DAISY OCHRE
PUZZLE FRAME - OLIVE TREE
PUZZLE FRAME - IVY GREY
IMPRINTS MODELING CLAY - 35G
IMPRINTS MODELING CLAY - 50G
IMPRINTS MODELING CLAY - 85G

- Item No. : PA1000
PA1100
PA1305
PA1307
PA1401
PA1403
PA1502
PA1506
PA1601
PA1605
PA1704
PA1705
PA1801
PA1803
PA1901
PA1902
PA2003
PA2006
PA2235
PA2250
PA2285



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Shenzhen Branch Testing Center Hardlines

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Sample Receiving Date : JUN 19, 2024
 Further Information Date : JUL 03, 2024
 Testing Period : JUN 19, 2024 TO JUL 03, 2024

Selected test(s) as requested by the client, please refer to test result page(s) for details:

Test Requested	Conclusion
1. Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 + A1:2021 – Migration of certain elements	PASS
2. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Lead and lead compounds	PASS
3. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS
4. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content	PASS
5. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
6. Commission Directive (EU) 2017/774 amending Appendix C of Annex II to European Directive 2009/48/EC – Phenol	PASS
7. CPSIA section 101 - Total Lead content	--
CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
8. US 16 CFR Part 1307 – Phthalates	PASS
9. US California Proposition 65 – Lead Content	PASS



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	Test Requested	Conclusion
10.	US California Proposition 65 – Phthalates Content	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

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Jia Fengjuan, Shelly
Dept. Manager



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Results:

Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019+A1:2021 – Migration of certain elements

Category I: Dry, brittle, powder-like or pliable toy material

Method: With reference to EN 71-3:2019+A1:2021. Analysis of general elements was performed by ICP-MS / Chromium (III) was obtained by calculation, chromium (VI) was analyzed by LC-ICP-MS or IC-UV-Vis / organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)	MDL	Permissible Limit
Specimen No.	1	--	--
Mass of trace amount (mg)	/	--	--
Soluble Aluminium (Al) (mg/kg)	ND	50	2250
Soluble Antimony (Sb) (mg/kg)	ND	1	45
Soluble Arsenic (As) (mg/kg)	ND	0.5	3.8
Soluble Barium (Ba) (mg/kg)	ND	50	1500
Soluble Boron (B) (mg/kg)	ND	50	1200
Soluble Cadmium (Cd) (mg/kg)	ND	0.1	1.3
Soluble Chromium+ (Cr) (mg/kg)	0.045	0.015	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	1.0	37.5
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	0.010	0.02
Soluble Cobalt (Co) (mg/kg)	ND	0.5	10.5
Soluble Copper (Cu) (mg/kg)	ND	50	622.5
Soluble Lead (Pb) (mg/kg)	ND	0.5	2.0
Soluble Manganese (Mn) (mg/kg)	ND	50	1200
Soluble Mercury (Hg) (mg/kg)	ND	0.5	7.5
Soluble Nickel (Ni) (mg/kg)	ND	10	75
Soluble Selenium (Se) (mg/kg)	ND	5	37.5
Soluble Strontium (Sr) (mg/kg)	ND	50	4500
Soluble Tin (Sn) (mg/kg)	ND	0.15	15000
Soluble Organic Tin -- (mg/kg)	ND	--	0.9
Soluble Zinc (Zn) (mg/kg)	ND	50	3750

Specimen Description:

1. White clay



- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm
 - + Soluble Chromium is not restricted by EN 71-3:2019+A1:2021, results shown only for reference
 - De-waxing was applied (excluding analysis of organic tin) on test specimen No.1

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * = Exceeds Permissible Limit





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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Lead and lead compounds

For consumer products (except jewelry) – Lead content

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Heavy Metal in Paint and Other Similar Surface Coatings

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Heavy Metal in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Heavy Metal in Children’s Metal Products (Including Children’s Metal Jewelry)

Test Item(s)	Lead (Pb)		
MDL (mg/kg)	10		
Permissible Limit (mg/kg)	500		
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. White clay	9	1	ND

- Note:
- mg/kg = milligram per kilogram
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- # = Refer to results of rate of lead release
- + Composite test has been performed as per client’s request and the results are calculated using the minimum specimen weight
- Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component



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European Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – Cadmium Content

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Other Materials

Test Item(s)	Cadmium (Cd)		
Reference Limit (mg/kg)	100		
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. White clay	10	1	ND

- Note:
- Permissible and Reference Limit specified by Commission Regulation (EU) No 494/2011 & Commission Regulation (EU) No 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under entry 23 of Regulation (EC) No 552/2009 and directive 91/338/EC).
 - mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 5 mg/kg
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible or Reference Limit



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European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalate content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Materials can be placed in the mouth for toys & childcare articles

Test Item(s)	CAS No.	Result (s) (%)	MDL (%)	Permissible Limit (%)
Alias No.	--	5		
Tracing No.	--	1		
Specimen No.	--	1		
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	--	0.1

Specimen Description:

1. White clay

- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - % = percentage by weight

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

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- * Exceeds Permissible Limit



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European Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – PAHs Content

Method: With reference to AfPS GS 2019:01 PAK method.

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

For Toy or childcare product

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
Specimen No.	--	1		
Alias No.	--	11		
Tracing No.	--	1		
1. Benzo[a]anthracene	56-55-3	ND	0.1	0.5
2. Chrysene	218-01-9	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	0.1	0.5
8. Dibenzo[a,h]anthracene	53-70-3	ND	0.1	0.5

Specimen Description:

- White clay

- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds limit



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Commission Directive (EU) 2017/774 amending Appendix C of Annex II to European Directive 2009/48/EC – Phenol

Method: With reference to EN71-10: 2005 and EN71-11: 2005

Analysis was performed by High Performance Liquid Chromatography with Diode Array Detector (HPLC-DAD) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Proposed Limit (mg/kg)
Specimen No.	--	1		
Phenol	108-95-2	ND	4	10

Specimen Description:

- White clay

- Note:
- mg/L = milligram per liter
 - mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen surface area
- * Exceeds Limit



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CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children’s Metal Products (Including Children’s Metal Jewelry)

Test Item(s)			Lead (Pb)
Permissible Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. White clay	1	1	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- ^Δ Test result is over recommended action limit (80% of the regulatory limit). As the result is based on composite test and falls into an uncertain range, where “Pass” or “Fail” cannot be truly defined, “Interim-Fail” is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- + Composite test has been performed as per client’s request and the results are calculated using the minimum specimen weight
- * Exceeds Permissible Limit



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US 16 CFR Part 1307 – Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result (s) (%)	MDL (%)	Permissible Limit (%)
Alias No.	--	4		
Tracing No.	--	1		
Specimen No.	--	1		
Dibutyl Phthalate (DBP)	84-74-2	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	0.003	0.1

Specimen Description:

- White clay

- Note:
- % = percentage by weight
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- ^Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- * Exceeds Permissible Limit





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US California Proposition 65 – Total Lead Content

Method: With reference to CPSC-CH-E1003-09.1 / CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Test Item(s)			Lead (Pb)
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. White clay	2	1	ND

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit =10 ppm
 - 1% = 10000mg/kg=10000ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the minimum specimen weight
- Δ Test result is over the action limit as suggested by CPSC-CH-E1003-09.1. As the result is based on composite test and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, "Interim-Fail" is given since the specimen may possibility fail according to the regulatory limit. Individual test is highly recommended to determine the exact Lead content in each component. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.
- * Exceed Permissible Limit

Remark: Summary of permissible limit(s) of Lead requirement otherwise warning label required.

Requirement(s)	Permissible Limit of Lead (ppm)	
California Proposition 65 (ACSC Case No. RG-07-356892)	Surface Coating	90
	Accessible substrate	100



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California Prop 65 - Phthalates Content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS) / High Performance Liquid Chromatography with Mass Spectrometer (HPLC-MS)

Test Item(s)	CAS No.	Result(s) (%)	MDL (%)
Specimen No.	--	1	
Alias No.	--	3	
Tracing No.	--	1	
Dibutyl phthalate (DBP)	84-74-2	ND	0.003
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.003
Di-"isononyl" phthalate (DINP)	28553-12-0 68515-48-0	ND	0.010
Di-"isodecyl" phthalate (DIDP)	26761-40-0 68515-49-1	ND	0.010
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	0.003

Specimen Description:

- White clay

- Note:
- % = percentage by weight
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - 1% = 10000 mg/kg = 10000 ppm

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- + Composite test has been performed as per client's request and the results are calculated using the total specimen weight
- Δ Result is made based on the composite test which may have the probability of one or more components that can lead to a failure conclusion. Individual test is highly recommended for each component
- NA = Not Applicable
- * Exceed Permissible Limit



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Summary of Permissible Limit of Requirement(s) otherwise warning label required:

Requirement(s)	Permissible Limit
California Proposition 65 (ACSC Case No. BG07350969)	
- Toys for children under 6 or childcare articles for children under 3	≤ 0.1% for each of DBP, BBP, DEHP, DIDP, DnHP and DINP

Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w =0) stated in ILAC-G8:09/2019.

This report updates client's information.

Sample Picture (As received)

Pic.1



SGS authenticate the photo on original report only

*** End of Report ***

