



Test Report

No.T32420340183TC

Date: OCT 22, 2024

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KOOZIE GROUP

14421 MYERLAKE CIRCLE CLEARWATER, PINELLAS,FL 33760,UNITED STATES

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

ILLUMI-SWIRL LANTERN FLASHLIGHT

Item No. : 21293
Shipment Order No. : PO#7205788
Test Request Form No. : 21293.0624M
Product Color : WHITE, YELLOW, RED
Manufacture Date : 2024
Country of Origin : CHINA
Country of Destination : CANADA, UNITED STATES
Sample Receiving Date : OCT 15, 2024
Testing Period : OCT 15, 2024 TO OCT 22, 2024

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

Test Requested	Conclusion
1. Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	NOT APPLICABLE (SEE REMARK)
2. 15 U.S.C. § 1278a and CPSIA section 101 - Total Lead content	--
15 U.S.C. § 1278a and CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	NOT APPLICABLE (SEE REMARK)
15 U.S.C. § 1278a and CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
3. US 16 CFR Part 1307 – Phthalates	PASS

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Test Requested		Conclusion
4.	US California Proposition 65 – Lead Content	PASS
5.	US California Proposition 65 – Phthalates Content	PASS
6.	Canada Consumer Product Safety Act (S.C. 2010, c. 21), Toys Regulations (SOR/2011-17) (Including amendments SOR/2012-71, SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2022-122) - Section 23 (a) and Section 23 (c) - Lead and Mercury in surface coating material	NOT APPLICABLE (SEE REMARK)
7.	Canada Consumer Product Safety Act (S.C. 2010, c. 21), Consumer Products Containing Lead Regulations, SOR/2018-83 – Total Lead content	PASS
8.	Canada Phthalates Regulation (SOR/2016-188) (formerly restricted under SOR/2010-298) – Phthalates content	PASS

Remark: There were no surface coating found in the said submitted sample.

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

Signed for and on behalf of
SGS Hong Kong Ltd.



To Man Wah, Po
Technical Manager

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Test Results:

15 U.S.C. § 1278a and CPSIA section 101(a) (2) - 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	Result(s) (ppm)
1. Silvery metal (Handle)	ND
2. Silvery metal sheet (Socket)	ND
3. Black metal (Handle)	34
4. Bright black metal (Body)	31
5. Silvery metal housing (USB)	ND
6. Silvery metal small housing (USB)	ND
7. Green plastic (Box)	31
8. Black plastic (Body)	ND
9. Transparent plastic (Body)	ND
10. Bright black plastic (Body)	ND
11. White plastic (USB housing)	ND
12. Light black plastic (USB housing)	ND
13. Black soft plastic (Button)	ND
14. Black soft plastic (Plug)	ND
15. Black soft plastic (Cable jacket)	ND
16. Transparent plastic (Light)	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 possibly 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) Specimen No.	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
		1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	0.005	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.032	0.004	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1

Test Item(s) Specimen No.	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
		4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	0.003	0.1

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Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		7	8		
Dibutyl Phthalate (DBP)	84-74-2	0.006	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.004	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		9	10		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-Hexyl phthalate (DHP/DnHP/DHEXP)	84-75-3	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	ND	ND	0.003	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.003	0.1

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Specimen Description:

1. Green plastic (Box)
2. Black plastic (Body)
3. Transparent plastic (Body)
4. Bright black plastic (Body)
5. White plastic (USB housing)
6. Light black plastic (USB housing)
7. Black soft plastic (Button)
8. Black soft plastic (Plug)
9. Black soft plastic (Cable jacket)
10. Transparent plastic (Light)

- 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	Result(s) (ppm)
1. Silvery metal (Handle)	ND
2. Silvery metal sheet (Socket)	ND
3. Black metal (Handle)	34
4. Bright black metal (Body)	31
5. Silvery metal housing (USB)	ND
6. Silvery metal small housing (USB)	ND
7. Green plastic (Box)	31
8. Black plastic (Body)	ND
9. Transparent plastic (Body)	ND
10. Bright black plastic (Body)	ND
11. White plastic (USB housing)	ND
12. Light black plastic (USB housing)	ND
13. Black soft plastic (Button)	ND
14. Black soft plastic (Plug)	ND
15. Black soft plastic (Cable jacket)	ND
16. Transparent plastic (Light)	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

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

Requirement(s)	Permissible Limit of Lead (ppm)
California Proposition 65 (County of Los Angeles – Central District Case No. BC463718)	100
California Proposition 65 (County of San Francisco Case No CGC-18-566066)	90

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	2	3	
Dibutyl phthalate (DBP)	84-74-2	0.005	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.032	0.004	ND	0.003

Test Item(s)	CAS No.	Result(s) (%)			MDL (%)
Specimen No.	--	4	5	6	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003

Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
Specimen No.	--	7	8	
Dibutyl phthalate (DBP)	84-74-2	0.006	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.004	0.003

Test Item(s)	CAS No.	Result(s) (%)		MDL (%)
Specimen No.	--	9	10	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.003
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003

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Specimen Description:

1. Green plastic (Box)
2. Black plastic (Body)
3. Transparent plastic (Body)
4. Bright black plastic (Body)
5. White plastic (USB housing)
6. Light black plastic (USB housing)
7. Black soft plastic (Button)
8. Black soft plastic (Plug)
9. Black soft plastic (Cable jacket)
10. Transparent plastic (Light)

- 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 (County of Los Angeles – Central District Case No. BC463718)	
<ul style="list-style-type: none"> - Radio - Headphones - Earbuds - Flashlight - Lanterns 	< 0.1% DEHP
California Proposition 65 (County of San Francisco Case No CGC-18-566066)	
<ul style="list-style-type: none"> - Door Stop Hinge Pins - Electrical components and accessories (outlets) - Flashlights - Shower plumbing accessories 	≤ 0.1% DEHP otherwise warning
<ul style="list-style-type: none"> - Tape Measures 	≤ 0.1% each of DEHP and DBP otherwise warning
California Proposition 65 (County of Alameda Case No. RG11598315)	
<ul style="list-style-type: none"> - Cases for CDs/DVDs - Watches - Calculators - Flashlight - Radio 	< 0.1% each of DEHP and DBP

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Canada Consumer Product Safety Act (S.C. 2010, c. 21), Consumer Products Containing Lead Regulations, SOR/2018-83 – Total Lead content

Method : With reference to Canada Health Product Safety Bureau, Reference Manual Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.2.2:2020 / C02.3.2:2021 / C02.4.1:2019 Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Lead (Pb)
MDL (mg/kg)	10
Permissible Limit (mg/kg)	90
Specimen Description	Result(s) (mg/kg)
1. Silvery metal (Handle)	ND
2. Silvery metal sheet (Socket)	ND
3. Black metal (Handle)	34
4. Bright black metal (Body)	31
5. Silvery metal housing (USB)	ND
6. Silvery metal small housing (USB)	ND
7. Green plastic (Box)	31
8. Black plastic (Body)	ND
9. Transparent plastic (Body)	ND
10. Bright black plastic (Body)	ND
11. White plastic (USB housing)	ND
12. Light black plastic (USB housing)	ND
13. Black soft plastic (Button)	ND
14. Black soft plastic (Plug)	ND
15. Black soft plastic (Cable jacket)	ND
16. Transparent plastic (Light)	ND

- Note:
- 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 weight
- * Exceeds Permissible Limit

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Canada Phthalates Regulation (SOR/2016-188)(formerly restricted under SOR/2010-298)

Method: With reference to CPSC-CH-C1001-09.4 / Canada Health Product Safety Bureau, Reference Manual Book 5 – Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-34:2018 – Determination of Phthalates in Polyvinyl Chloride Consumer Products

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

Vinyl Materials that can, in a reasonably foreseeable Manner, be placed in the Mouth of a Child under 4 Years of Age

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Specimen No.	--	1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	0.005	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.032	0.004	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	0.1

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Specimen No.	--	4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	0.1

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Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		7	8		
Dibutyl Phthalate (DBP)	84-74-2	0.006	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	0.004	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	0.1

Test Item(s) Specimen No.	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
		9	10		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	0.010	0.1

Specimen Description:

1. Green plastic (Box)
2. Black plastic (Body)
3. Transparent plastic (Body)
4. Bright black plastic (Body)
5. White plastic (USB housing)
6. Light black plastic (USB housing)
7. Black soft plastic (Button)
8. Black soft plastic (Plug)
9. Black soft plastic (Cable jacket)
10. Transparent plastic (Light)

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- 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

Remark:

When statement of conformity is made, unless the decision rule was mentioned in above specified test items, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.

"Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band." or "Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%."

"Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band." or "Fail - One or more measured values were observed out of tolerance at the points tested". The specific false reject risk is up to 2.5%.

"Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%."

Sample Picture (As received)

Pic.1



Pic.2



Pic.3



Pic.4



SGS authenticate the photo on original report only

*** End of Report ***

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