

TEST REPORT

REPORT No.: R2DG2002102419E

Date: March 12, 2020

Page 1 of 5

BAREBONES SYSTEMS, LLC.
1215 East Wilmington Avenue-Ste. 140 Salt Lake City, UT 84106

Report on the submitted samples said to be:

Sample Name : Vintage Flashlight
Style/Item No. : LIV-257
Country of Origin : China
Sample Receiving Date : February 10, 2020
Testing Period : From February 10, 2020 to March 12, 2020
Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

CONCLUSION

A	US California Proposition 65. on Lead content	Pass
B	US California Proposition 65. on Phthalates (DBP, BBP, DEHP, DnHP, DINP, DIDP) content	Pass

Pass = Meet the Requirement of Client

Signed for and on behalf of BACL

Checked by: _____
Farhan Yang

Approved by: _____
Bensen Huang

TEST REPORT

REPORT No.: R2DG2002102419E

Date: March 12, 2020

Page 2 of 5

Result:

Tested part(s):

- | | |
|--|---|
| (1) Transparent plastic(lamp cover) | (9) Penny metal(stud of logo) |
| (2) Black soft plastic(switch button) | (10) Silvery metal without coating(handle) |
| (3) Black soft plastic(gasket) | (11) Pewter plated silvery metal(head of lamp) |
| (4) Black plastic(battery bunker) | (12) Pewter plated silvery metal(base of protector) |
| (5) Black plastic(hook holder) | (13) Penny metal(ring of protector) |
| (6) Silvery metal(hook) | (14) Penny metal(holder of ring) |
| (7) Pewter plated silvery metal(lid of battery bunker) | (15) Grey coating(handle) |
| (8) Silvery metal(logo) | (16) Black coating(logo)semi-product |

A. US California Proposition 65. on Lead content

Total Lead Content (In surface-coating)

Test method: With reference to CPSC-CH-E1003-09.1, by acid digestion and analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometry (AAS).

Item	Unit	MDL	Results		Client's Limit
			(15)	(16)	
Lead Content (Pb)	mg/kg	10	N.D.	N.D.	90
Conclusion	/	/	Pass	Pass	/

Total Lead Content (in substrate)

Test method: With reference to CPSC-CH-E1001-08.3/ CPSC-CH-E1002-08.3, by acid digestion and analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometry (AAS).

Item	Unit	MDL	Results				Client's Limit
			(1)+(4)+(5)	(2)+(3)	(6)+(7)	(8)	
Lead Content (Pb)	mg/kg	10	N.D.	N.D.	17	17	100
Conclusion	/	/	Pass	Pass	Pass	Pass	/

TEST REPORT

REPORT No.: R2DG2002102419E

Date: March 12, 2020

Page 3 of 5

Item	Unit	MDL	Results				Client's Limit
			(9)	(10)+(11)	(12)+(13)	(14)	
Lead Content (Pb)	mg/kg	10	78	17	23	13	100
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg=ppm
- Sample (16) was tested by semi-product due to insufficient finished sample size according to the applicant's request, The applicant will undertake all differences and risk.
- "+"= Mixed. The admixture of specimen is tested as a whole (part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo appendix is included.

TEST REPORT

REPORT No.: R2DG2002102419E

Date: March 12, 2020

Page 4 of 5

B. US California Proposition 65. on Phthalates (DBP, BBP, DEHP, DnHP, DINP, DIDP) content

Test method: With reference to CPSC-CH-C1001-09.4, by solvent extraction and Analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results				Limit
			(1)+(4)+(5)	(2)+(3)	(15)	(16)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.005	0.011	0.1
Di-n-hexyl Phthalate (DnHP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	N.D.	N.D.	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- Sample (16) was tested by semi-product due to insufficient finished sample size according to the applicant's request, The applicant will undertake all differences and risk.
- "+"= Mixed. The admixture of specimen is tested as a whole (part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo appendix is included.

TEST REPORT

REPORT No.: R2DG2002102419E

Date: March 12, 2020

Page 5 of 5

Photograph of Sample



BACL authenticate the photo on original report only

Directions:

1. This report cannot be reproduced except in full, without prior written approval of the Company.
2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The information which provided by the applicant, such as sample description, sample name, material component, style/item No., P.O. No., manufacture, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
6. The test samples were in good condition before testing.
7. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***