



CE RoHS TEST REPORT

For

LED FILAMENT BULB

Model No.: VT-1983, VT-1993, VT-1980, VT-1962, VT-1964, VT-1966, VT-1988, VT-1885, VT-1895, VT-1887, VT-1885D, VT-1964D, VT-1980D, VT-1994D, VT-1989, VT-1978, VT-1981, VT-1968, VT-1979, VT-1952, VT-1982, VT-1958, VT-1956, VT-1935, VT-1938, VT-1934, VT-1939, VT-1974, VT-1954, VT-1957, VT-2034, VT-2045, VT-2047, VT-2049, VT-2057, VT-2067, VT-2067D, VT-2023, VT-2018, VT-2026, VT-2028, VT-2018D, VT-1885, VT-2114, VT-2105D, VT-2186, VT-2194, VT-214, VT-266, VT-256, VT-244, VT-296, VT-286, VT-297, VT-287, VT-276, VT-2147, VT-2162, VT-2185, VT-2195, VT-2144, VT-2126, VT-2132, VT-2105D, VT-2154, VT-2164, VT-2143, VT-2153, VT-2123, VT-2133, VT-2138D, VT-2158D, VT-2168D, VT-2178D, VT-2188D, VT-2198D, VT-2159, VT-2169, VT-2203, VT-2223, VT-2233, VT-2205, VT-2328, VT-2338, VT-2308

Applicant : V-TAC EXPORTS LIMITED
ROOM NO.301, KAM ON BUILDING 176A QUEENS ROAD CENTRAL,
CENTRAL, HONGKONG

Manufacturer : V-TAC EXPORTS LIMITED
ROOM NO.301, KAM ON BUILDING 176A QUEENS ROAD CENTRAL,
CENTRAL, HONGKONG

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Report Number : D00.06.0434R-R4

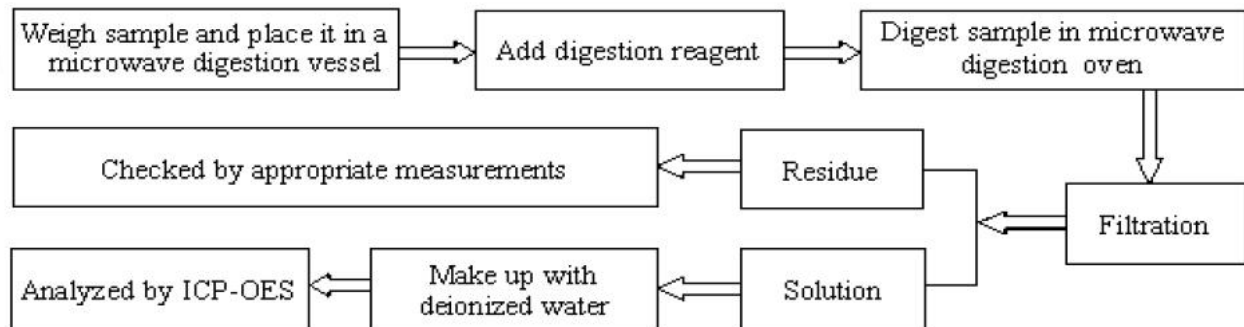
Issued Date : December 26, 2019

Date of Report : December 26, 2019

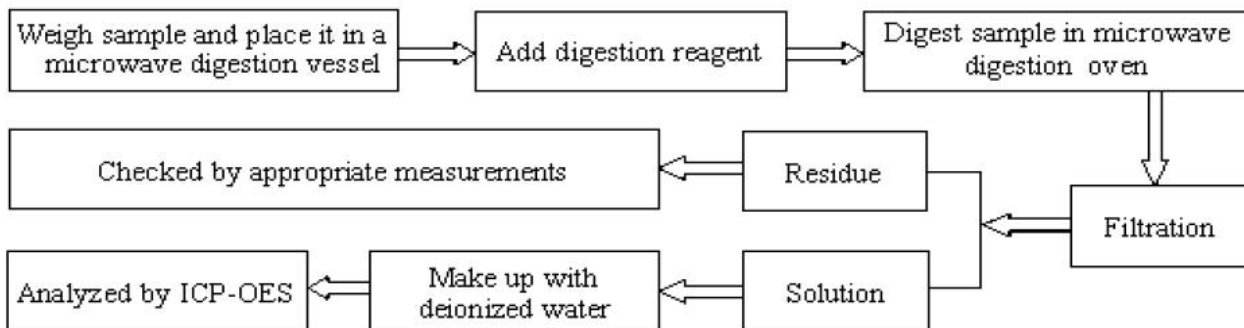
Note:

1. The test data and result is based on the tested sample only.
2. Please verify information in the report on GST web: www.gstslab.com through report number.
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4. This report is based on report D00.06.0434R-R3 which issued on January 16, 2019.

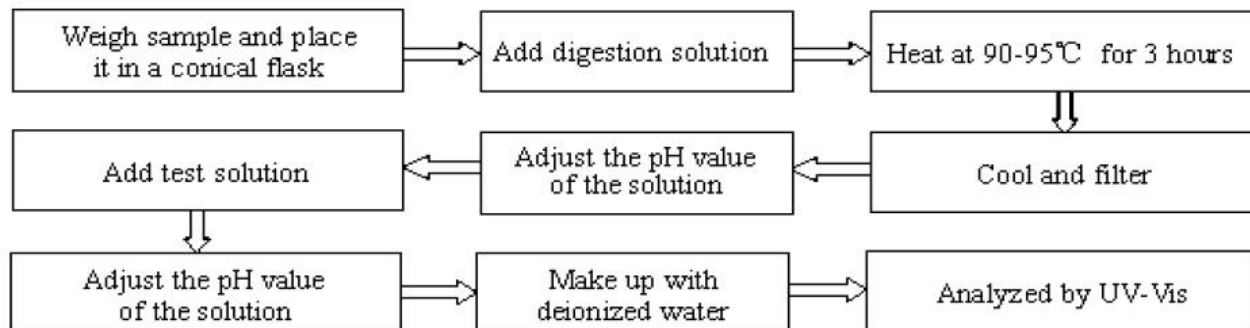
1. Lead(Pb), Cadmium(Cd)



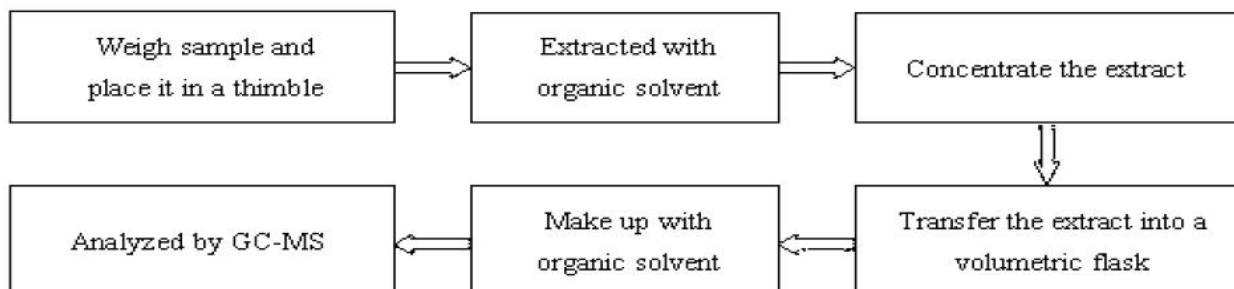
2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))



4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers(PBDEs) , HBCDD, DBP, DEHP, BBP



Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	Cd	Hg	PBBs & PBDEs
Unit	mg/kg	mg/kg	mg/kg	mg/kg
MDL	2	2	2	2

Result	:	Pass
Conclusion	:	An independent evaluation on the above-mentioned product(s) has been conducted pursuant to 2011/65/EU and (EU)2015/863 of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and concluded that the equipment under evaluation met the legislative requirements of this directive.

Reviewed by

 Nico Xie
 Manager
 December 26, 2019

Test Data Summary

SAMPLE NO.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
1	E27 lamp base	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	/	<1000	N/A
		PBDEs	D	/	<1000	N/A
		HBCDD	D	/	<1000	N/A
		DEHP	D	/	<1000	N/A
		DBP	D	/	<1000	N/A
		BBP	D	/	<1000	N/A
2	Glass	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		HBCDD	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P
3	Capacitors	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		HBCDD	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P
4	Resistors	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		HBCDD	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
		BBP	D	N.D.	<1000	P

SAMPLE NO.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
5	Diodes	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		HBCDD	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
BBP	D	N.D.	<1000	P		
6	PCB	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		HBCDD	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
BBP	D	N.D.	<1000	P		
7	Soldering tin	Cd	P	N.D.	<100	P
		Cr	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	/	<1000	N/A
		PBDEs	D	/	<1000	N/A
		HBCDD	D	/	<1000	N/A
		DEHP	D	/	<1000	N/A
		DBP	D	/	<1000	N/A
BBP	D	/	<1000	N/A		

Note:

(1) N.D. = Not detected (<MDL)

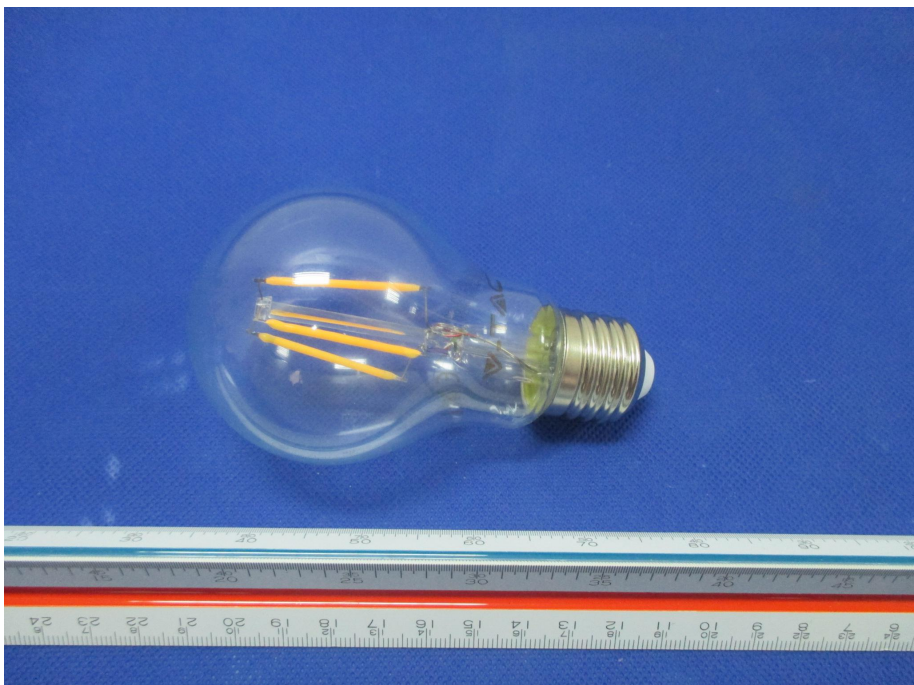
(2) ppm = mg/kg

(3) N.A. = Not Analyzed

(4) Negative = the concentration of Hexavalent Chromium extracted from 50cm² sample is less than the detection

Appendix 1

Photo Documentation

<p>Photo 1</p> <p>View:</p> <p><input checked="" type="checkbox"/> Front</p> <p><input type="checkbox"/> Rear</p> <p><input type="checkbox"/> Right side</p> <p><input type="checkbox"/> Left side</p> <p><input type="checkbox"/> Top</p> <p><input type="checkbox"/> Bottom</p> <p><input type="checkbox"/> Internal</p>	
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