Test report

Client Name	:	Jieyang Konggang District Jinggang Shengdali Electric Appliance Factory
Address	:	East side of Mingyue Park, Xinglu Community, Jinggang Street, Jieyang KonggangEconomic District Guangdong Province
Manufacturer	:	Jieyang Konggang District Jinggang Shengdali Electric Appliance Factory
Address	:	East side of Mingyue Park, Xinglu Community, Jinggang Street, Jieyang KonggangEconomic District Guangdong Province
Product Name	:	Hair Dryer
Date	:	2024-01-23

Shenzhen JLA Testing Co., Ltd

Applicant : Jieyang Konggang District Jinggang Shengdali Electric Appliance Factory

Address : East side of Mingyue Park, Xinglu Community, Jinggang Street, Jieyang KonggangEconomic District Guangdong Province

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample name : Hair Dryer

Trademark : /

Type /model : XP-08, XP-3000, XP-2030, XP-01, XP-80000, XP-4000, XP-2029, XP-02, XP-90000, XP-5000, XP-2028, XP-03, XP-180000, XP-6000, XP-2027, XP-04, XP-170000, XP-7000, XP-2026, XP-05, XP-160000, XP-8000, XP-2025, XP-06, XP-140000, XP-9000, XP-2024, XP-07, XP-100000, XP-110000, XP-120000, XP-10000, XP-2023, XP-130000, XP-150000

Manufacturer : Jieyang Konggang District Jinggang Shengdali Electric Appliance Factory

Sample received date : 2024-01-16

Testing period : 2024-01-16 to 2024-01-23

Test requested : Test Method Please refer to the following page(s).

Test Result(s) : Please refer to the following page(s).

According to the RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)
Lead(Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Cadmium(Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES
Hexavalent Chromium(Cr(VI))	IEC 62321-7-2:2015 Ed.1.0 IEC 62321-7-2:2017 Ed.1.0	UV-Vis
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015 Ed.1.0	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015 Ed.1.0	GC-MS
Phthalates	IEC 62321-8:2017 Ed.1.0	GC-MS

Tested by Pink **Inspected by** Jessie **Approved by**

JLA TESTING LABORATORY APPROVED

Test Requested	1.As specified by client, to screen Lead(Pb), Cadmium(Cd), Mercury(Hg), Chromium(Cr) and Bromine(Br) in the submitted sample(s) by XRF. 2.As specified by client, when screening results exceed the XRF screening limit in IEC 62321-3-1:2013, further use of chemical methods are required to test the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs). Polybrominated Diphenyl Ethers(PBDEs) in the submitted samples. 3. As specified by client, to test the Diisobutyl phthalate(DIBP), Dibutyl phthalate(DBP), Butyl benzyl phthalate(BBP), Bis(2-ethylhexyl) phthalate(DEHP) in the submitted sample(s).

Test sample description:

Sample No.	Sample Description	Sample No.	Sample Description
1	Black plastic	**2**	White plastic
3	Power cord	**4**	Pin
5	Wire buckle	**6**	button
7	Plastic film	**8**	Black plastic
9	Metal mesh	**10**	Silver plastic
11	Black metal mesh	**12**	polymer
13	White plastic	**14**	Shell
15	polymer	**16**	Heating filament
17	bushing	**18**	Soldering
19	SMT diode	**20**	chip resistor
21	Silver metal	**22**	White line
23	Metal rod	**24**	Motor
25	PCB	/	/

Test Result(s):

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	1	2	3	4		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	2	1000
PBBs&PBDEs(Br)	N.D.	N.D.	N.D.	/	5	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	5	6	7	8		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	2	1000
PBBs&PBDEs(Br)	N.D.	N.D.	N.D.	N.D.	5	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	9	10	11	12		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	2	1000
PBBs&PBDEs(Br)	/	N.D.	/	N.D.	5	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	13	14	15	16		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	2	1000
PBBs&PBDEs(Br)	N.D.	N.D.	N.D.	/	5	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	17	18	19	20		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	2	1000
PBBs&PBDEs(Br)	N.D.	N.D.	N.D.	N.D.	5	1000

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Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	21	22	23	24		
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	2	1000
PBBs&PBDEs(Br)	/	N.D.	/	/	5	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	25	/	/	/		
Lead (Pb)	N.D.	/	/	/	2	1000
Cadmium (Cd)	N.D.	/	/	/	2	100
Mercury (Hg)	N.D.	/	/	/	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	/	/	/	2	1000
PBBs&PBDEs(Br)	N.D.	/	/	/	5	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	1	2	3	5		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	N.D.	N.D.	N.D.	50	1000
Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	N.D.	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	N.D.	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	6	7	8	10		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	N.D.	N.D.	N.D.	50	1000
Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	N.D.	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	N.D.	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	12	13	14	15		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	N.D.	N.D.	N.D.	50	1000
Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	N.D.	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	N.D.	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	17	18	19	20		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	N.D.	N.D.	N.D.	50	1000
Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	N.D.	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	N.D.	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result Unit (mg/kg)				MDL Unit (mg/kg)	Limit Unit (mg/kg)
	22	25	/	/		
Dibutyl phthalate(DBP) CAS#:84-74-2	N.D.	N.D.	/	/	50	1000
Butylbenzyl phthalate(BBP) CAS#:85-68-7	N.D.	N.D.	/	/	50	1000
Di-2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	N.D.	/	/	50	1000
Diisobutyl phthalate(DIBP) CAS#:84-69-5	N.D.	N.D.	/	/	50	1000

Note:

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-“ / ”= Not conducted.

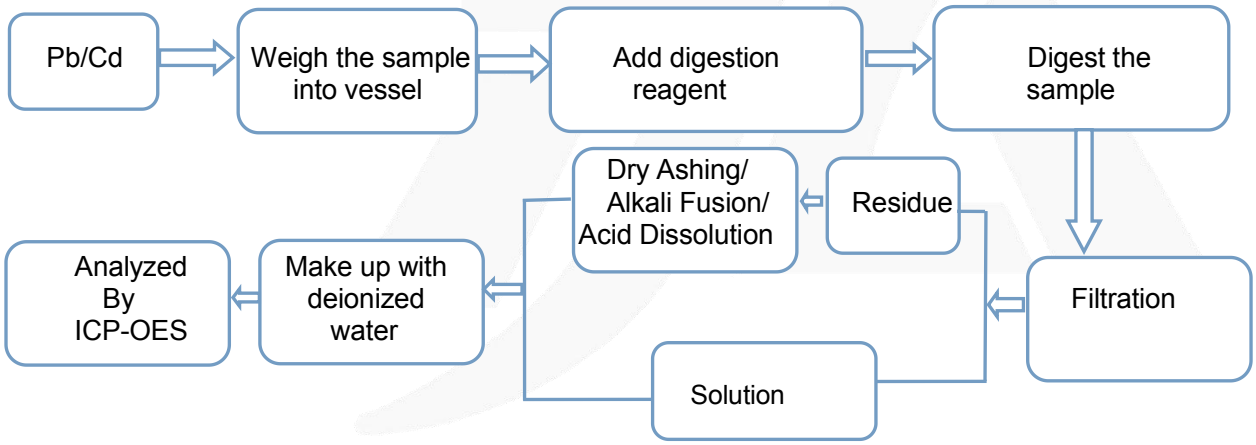
-Negative = Absence of Cr(VI) , the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.1μg/cm2 with 50cm2 sample surface area used.

-Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than 0.13μg/cm2with 50cm2 sample surface area used.

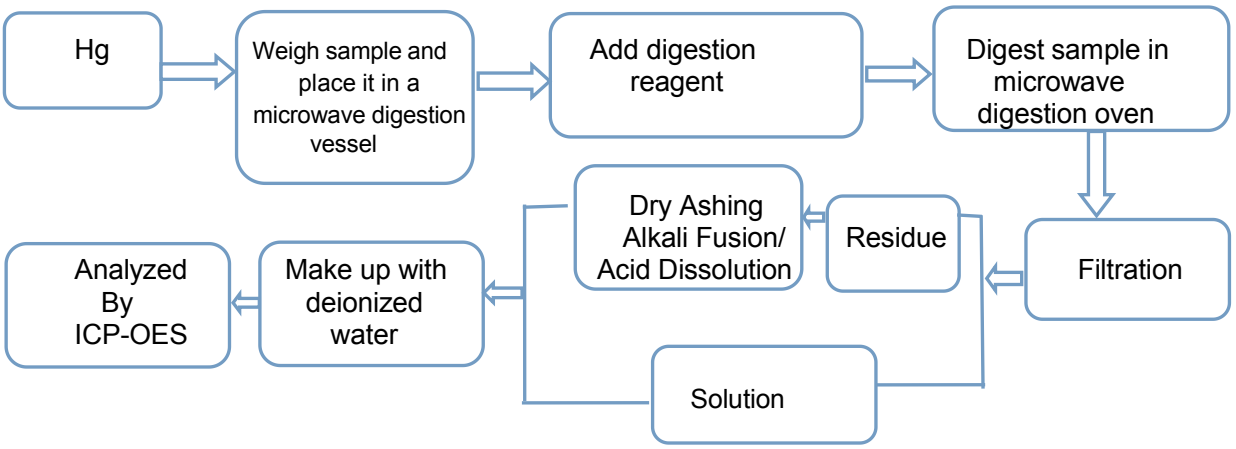
Test Process:

The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

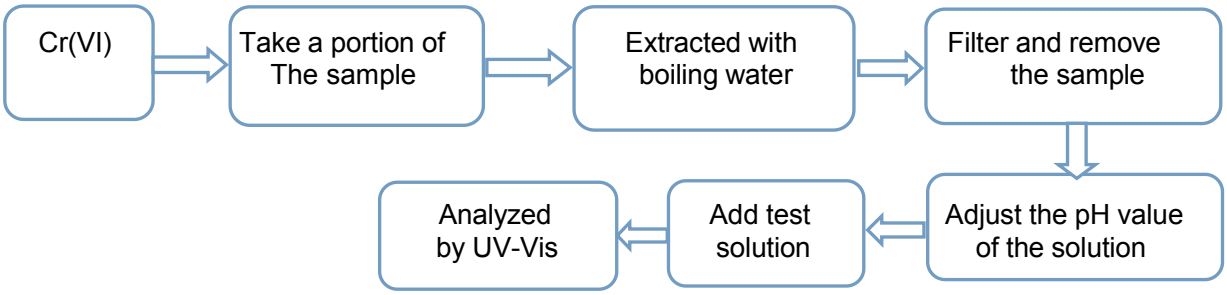
◆ **IEC 62321-5:2013 Ed.1.0**



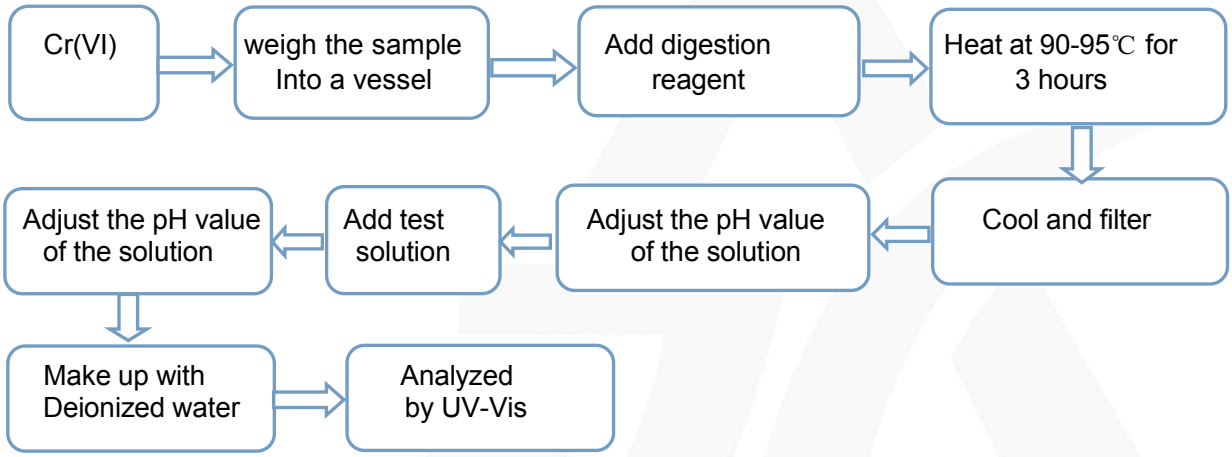
◆ **IEC 62321-4:2013+AMD1:2017**



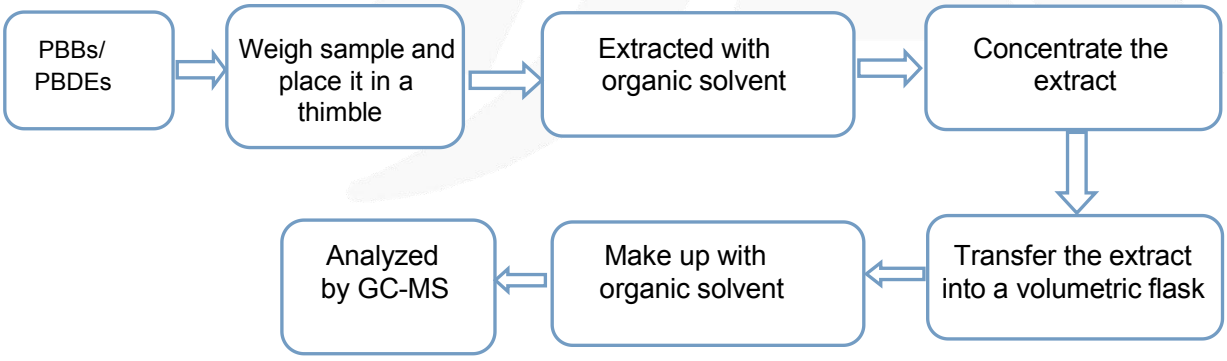
◆ **IEC 62321-7-1:2015 Ed.1**



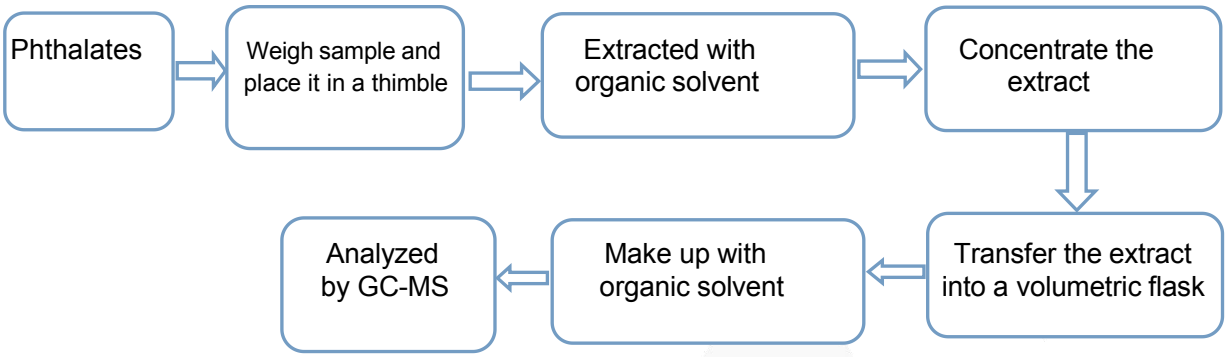
◆ **IEC 62321-7-2:2017 Ed.1**



◆ **IEC 62321-6:2015 Ed.1.0**



◆ **IEC 62321-8:2017 Ed.1.0**



Photograph of Sample

Photo 1	
Photo 2	

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