



Report No.:STL2022R0524119C-Y1

# RoHS TEST REPORT

Prepared for :

**Dongguan onesport Technology Co., Ltd.**  
**No. 6, East Second Street, Gedi Xinnan Road, Nancheng Street,**  
**Dongguan City, Guangdong Province**

**Product: Electric Bicycle**

**Trade Name: N/A**

**Model Name: BK5、BK1、BK1S、BK1M、BK2、BK2S、  
BK2M、BK3、BK3S、BK3M、BK5S、  
BK5M、BK6、BK6S、BK6M、BK7、BK7S、  
BK7M、BK8、BK8S、BK8M、BK9、BK9S、  
BK9M、BK10、BK11、BK12、BK13、  
BK15、BK16、BK17、BK18、BK19、  
BK20**

**Date of Test: May 17-24, 2022**

**Date of Report: May 24, 2022**

**Report Number: STL2022R0524119C-Y1**

Prepared By :

**Shenzhen STL Testing Technology Co., Ltd.**



## TEST RESULT CERTIFICATION

**Applicant** : Dongguan onesport Technology Co., Ltd.  
**Address** : No. 6, East Second Street, Gedi Xinnan Road, Nancheng Street,  
Dongguan City, Guangdong Province  
**Manufacturer** : Dongguan onesport Technology Co., Ltd.  
**Address** : No. 6, East Second Street, Gedi Xinnan Road, Nancheng Street,  
Dongguan City, Guangdong Province  
**Product name** : Electric Bicycle  
BK5、BK1、BK1S、BK1M、BK2、BK2S、BK2M、BK3、BK3S、BK3M、  
BK5S、BK5M、BK6、BK6S、BK6M、BK7、BK7S、BK7M、BK8、  
**Product model** : BK8S、BK8M、BK9、BK9S、BK9M、BK10、BK11、BK12、BK13、  
BK15、BK16、BK17、BK18、BK19、BK20  
**Trade Name** : N/A  
**Date of Sample Received** : May 17,2022  
**Testing Period** : May 17-24, 2022

### Test Requested:

Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) do not exceed the limits as set by RoHS. Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

### Conclusion

PASS

Prepared by:

*Eris*

Project Engineer

Checked By:

*Lewis*

Project Supervisor

Approved by:

*Approved*

Technical Director





Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2022/05/24	

**Test Method:**

Heavy Metals and Flame Retardants Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

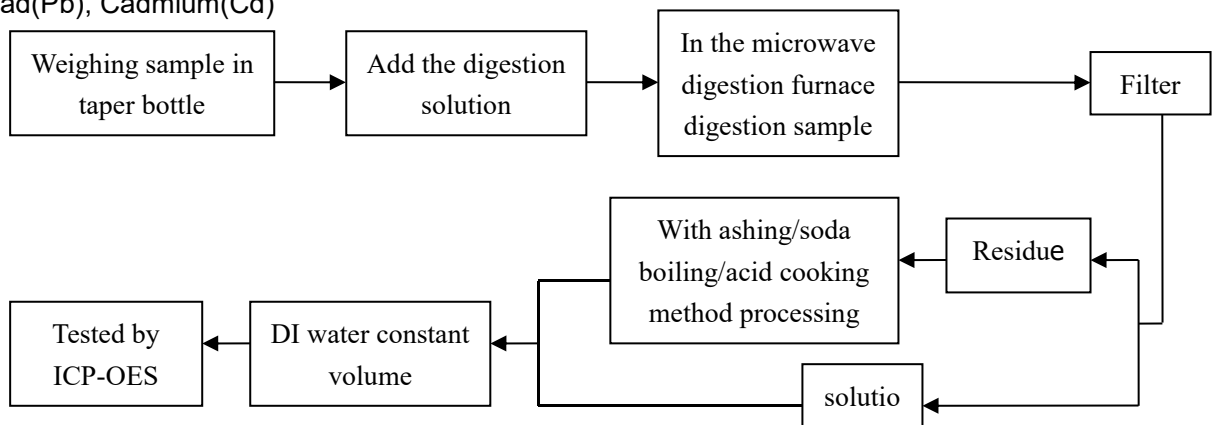
Testing item	Pretreatment method	Measuring instrument	MDL
Lead(Pb)	EN 62321-5:2014 EN 62321-4:2014	ICP-AES	2 mg/kg
Cadmium(Cd)			
Mercury(Hg)			
Chromium(Cr VI)	EN 62321-7-1:2015 EN 62321-7-2:2017 ISO17075-1:2017	UV-Vis	2 mg/kg
PBBs/ PBDEs	IEC 62321-6:2015	GC-MS	5 mg/kg

Phthalates content – European Council Directive 2011/65/EU and Change-Directive (EU) 2015/863 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) Test Method: Sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer.

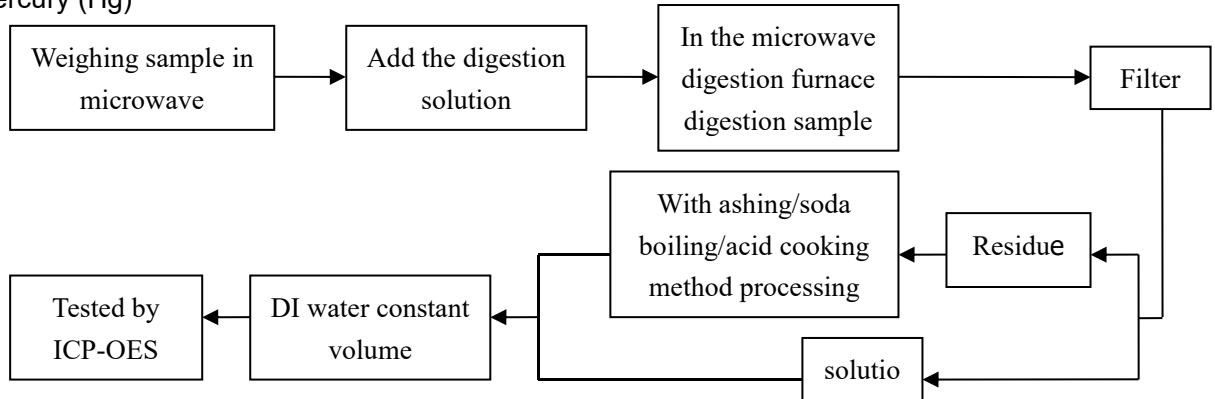
Testing item	Pretreatment method	Measuring instrument	MDL
DEHP/DBP/BBP/ DIBP	IEC 62321-8:2017	GC-MS	0.003 mg/kg

**Test Flow:**

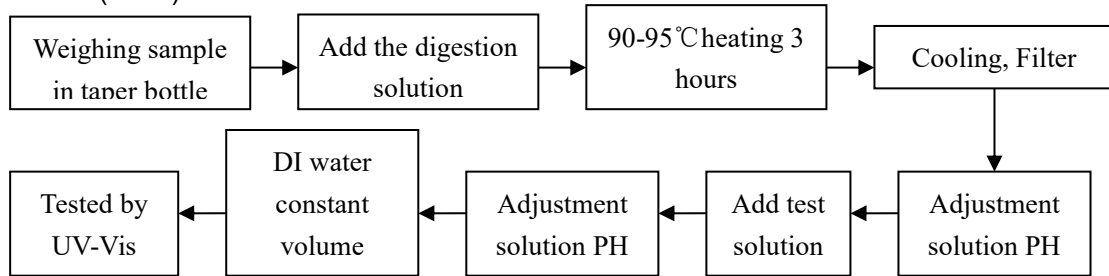
1. Lead(Pb), Cadmium(Cd)



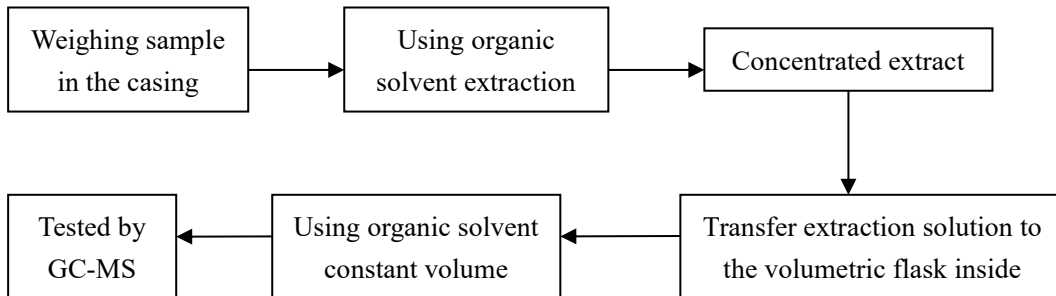
2. Mercury (Hg)



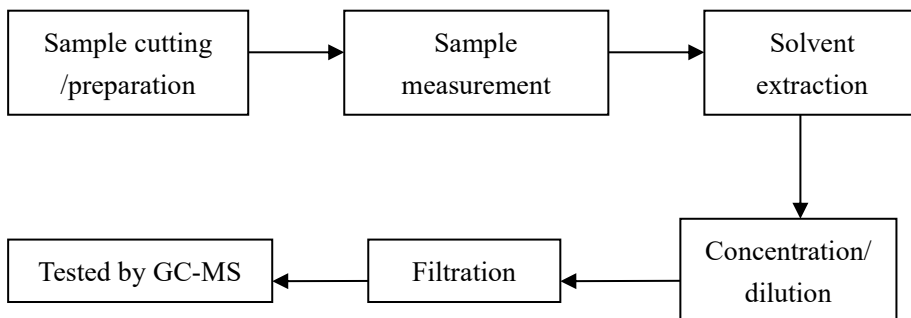
3. Chromium(Cr VI)



4. PBBs/ PBDEs



5. DEHP/ BBP/ DBP/ DIBP



**Test Results:**

Testing Item	Unit	ROHS Limit	Result					
			1	2	3	4	5	6
Lead(Pb)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium(Cd)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury(Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(Cr VI)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sum of PBBs/ PBDEs	mg/kg	1000	N.D.	N.D.	/	N.D.	/	/
Monobromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Dibromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Tribromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Tetrabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Pentabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Hexabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Heptabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Octabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Nonabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Decabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Monobromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Dibromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Tribromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Tetrabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Pentabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Hexabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Heptabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Octabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Nonabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Decabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	/	/
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	N.D.	N.D.	/	N.D.	/	/
Benzylbutyl Phthalate (BBP)	mg/kg	1000	N.D.	N.D.	/	N.D.	/	/
Dibutyl Phthalate (DBP)	mg/kg	1000	N.D.	N.D.	/	N.D.	/	/
Di-isobutyl phthalate (DIBP)	mg/kg	1000	N.D.	N.D.	/	N.D.	/	/

**Sample Description:**

- 1 The plate
- 2 Sandpaper
- 3 Stents
- 4 PU
- 5 The brake
- 6 The bridge end nut



Testing Item	Unit	ROHS Limit	Result					
			7	8	9	10	11	12
Lead(Pb)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium(Cd)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury(Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(Cr VI)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sum of PBBs/ PBDEs	mg/kg	1000	/	N.D.	/	N.D.	N.D.	N.D.
Monobromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Dibromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Tribromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Tetrabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Pentabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Hexabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Nonabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Decabromobiphenyl	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Monobromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Dibromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Tribromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Octabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Decabromodiphenyl ether	mg/kg	/	/	N.D.	/	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	/	N.D.	/	N.D.	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	mg/kg	1000	/	N.D.	/	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	mg/kg	1000	/	N.D.	/	N.D.	N.D.	N.D.
Di-isobutyl phthalate (DIBP)	mg/kg	1000	/	N.D.	/	N.D.	N.D.	N.D.

## Sample Description:

- 7 Bridge nail
- 8 Cushion
- 9 Bearing
- 10 The skateboard wheels
- 11 Footprints,
- 12 Plate head tail



Testing Item	Unit	ROHS Limit	Result					
			13	14	15	16	17	18
Lead(Pb)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium(Cd)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury(Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(Cr VI)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sum of PBBs/ PBDEs	mg/kg	1000	N.D.	N.D.	/	N.D.	N.D.	N.D.
Monobromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Dibromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Tribromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Tetrabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Pentabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Hexabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Nonabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Decabromobiphenyl	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Monobromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Dibromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Tribromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Tetrabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Pentabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Hexabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Heptabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Octabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Nonabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Decabromodiphenyl ether	mg/kg	/	N.D.	N.D.	/	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	N.D.	N.D.	/	N.D.	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	mg/kg	1000	N.D.	N.D.	/	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	mg/kg	1000	N.D.	N.D.	/	N.D.	N.D.	N.D.
Di-isobutyl phthalate (DIBP)	mg/kg	1000	N.D.	N.D.	/	N.D.	N.D.	N.D.

## Sample Description:

- 13 Bridge pad
- 14 Base
- 15 The main screw
- 16 PCB
- 17 The lamp
- 18 Capacitance





Testing Item	Unit	ROHS Limit	Result					
			19	20	21	22	23	24
Lead(Pb)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Cadmium(Cd)	mg/kg	100	N.D.	N.D.	N.D.	/	/	/
Mercury(Hg)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Chromium(Cr VI)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Sum of PBBs/ PBDEs	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Monobromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Dibromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Tribromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Tetrabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Pentabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Hexabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Heptabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Octabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Nonabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Decabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Monobromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Dibromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Tribromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Tetrabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Pentabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Hexabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Heptabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Octabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Nonabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Decabromodiphenyl ether	mg/kg	/	N.D.	N.D.	N.D.	/	/	/
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Benzylbutyl Phthalate (BBP)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Dibutyl Phthalate (DBP)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/
Di-isobutyl phthalate (DIBP)	mg/kg	1000	N.D.	N.D.	N.D.	/	/	/

## Sample Description:

- 19 Resistance
- 20 Inductance
- 21 Battery



Notes:

1mg/kg=1ppm = 0.0001%

N.D. = Not Detected (<MDL)

MDL = Method Detection Limit

/=Not Regulated

---=Not Applicable



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8

-----End of report-----