



TEST REPORT

REPORT No.: **DTIBW20200550**

Date:2020-07-06

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Applicant Company Name: **WU XI MINGYANG BATTERY CO.,LTD.**

Applicant Company Address: **Caiwan Village Ganlu,Ehu Town,Xishan District,WUXI CITY,JIANGSU PROVINCE 214000 P.R. CHINA**

Report on the submitted samples said to be:

Sample Name : Lithium ion cell

Model No : INR18650H 2000mAh
INR18650P 1300mAh 、 INR18650P 1500mAh 、 INR18650H 2200mAh 、

Additional Model : INR18650H 2500mAh 、 ISR18650—1300 、 ISR18650—1500 、 ISR18650—2000 、
ISR18650—2200 、 INR18650 2500mAh

Sample Receiving Date : June 01, 2020

Testing Period : From June 01, 2020 to June 06, 2020

Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

A As specified by client, to determine on POPs contents in the submitted sample in accordance with POPs Directive [\(EU\)2019/2021](#).

CONCLUSION

Refer to next page(s)

Shenzhen Deesev Testing International Corp

Approved by: Tommy Jiang
lab manager



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Results:

Description for specimen:

- (1) Blue packaging plastic
- (2) Green paper
- (3) White film
- (4) White gasket
- (5) Black sticky plastic
- (6) Yellow film

A. POPs Directive (EU)2019/2021- POPs contents

Test method:

With reference to US EPA 3550C:2007, EPA 8270D:2014 & EPA 8321B:2007, analysis was performed by gas chromatographic - mass spectrometer (GC-MS) and High performance liquid chromatography(HPLC).

Item	Unit	MDL	Results			Limit
			(1)	(2)	(3)	
Hexabromobiphenyl (PCB)	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Tetrabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	Prohibition
Pentabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
Hexabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
HeptaBDE*	mg/kg	5	N.D.	N.D.	N.D.	10
Decabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
Decabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
Tetrabromodiphenyl ether + Pentabromodiphenyl ether + Hexabromodiphenyl ether + HeptaBDE + Decabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	500
Pentachlorobenzene	mg/kg	10	N.D.	N.D.	N.D.	Prohibition



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Item	Unit	MDL	Results			Limit
			(1)	(2)	(3)	
Hexachlorobutadiene (HCBD)	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Polychlorinated naphthalene (PCN)	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Short chain chlorinated paraffins (SCCPs)	mg/kg	100	N.D.	N.D.	N.D.	1500
Hexabromocyclododecane (HBCDD)	mg/kg	5	N.D.	N.D.	N.D.	100
Perfluorooctane sulfonic acid and its derivatives(PFOS)	mg/kg	5	N.D.	N.D.	N.D.	1000
Hexachlorobenzene	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
2,2-bis(p-chlorophenyl)-1,1,1-trichloroethane(DDT)	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Hexachlorocyclohexane	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Chlordane	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Dield	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Endrin	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Heptachloride	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Chlordecone	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Aldrin	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Mirex	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Toxaphene	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Endosulfan	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Pentachlorophenol and its salts and esters	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Conclusion	/	/	Pass	Pass	Pass	/



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Item	Unit	MDL	Results			Limit
			(4)	5)	(6)	
Hexabromobiphenyl (PCB)	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Tetrabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	Prohibition
Pentabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
Hexabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
HeptaBDE*	mg/kg	5	N.D.	N.D.	N.D.	10
Decabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
Decabromodiphenyl ether*	mg/kg	5	N.D.	N.D.	N.D.	10
Tetrabromodiphenyl ether + Pentabromodiphenyl ether + Hexabromodiphenyl ether + HeptaBDE + Decabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	500
Pentachlorobenzene	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Hexachlorobutadiene (HCBd)	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Polychlorinated naphthalene (PCN)	mg/kg	10	N.D.	N.D.	N.D.	Prohibition
Short chain chlorinated paraffins (SCCPs)	mg/kg	100	N.D.	N.D.	N.D.	1500
Hexabromocyclododecane (HBCDD)	mg/kg	5	N.D.	N.D.	N.D.	100
Perfluorooctane sulfonic acid and its derivatives(PFOS)	mg/kg	5	N.D.	N.D.	N.D.	1000
Hexachlorobenzene	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition



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Item	Unit	MDL	Results			Limit
			(4)	5)	(6)	
2,2-bis(p-chlorophenyl)-1,1,1-trichloroethane(DDT)	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Hexachlorocyclohexane	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Chlordane	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Dield	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Endrin	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Heptachloride	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Chlordecone	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Aldrin	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Mirex	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Toxaphene	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Endosulfan	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Pentachlorophenol and its salts and esters	mg/kg	0.1	N.D.	N.D.	N.D.	Prohibition
Conclusion	/	/	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- mg/kg = ppm
- MDL = Method Detection Limit
- *= By way of derogation, the manufacturing, placing on the market and use of the following shall be allowed: electrical and electronic equipment within the scope of Directive 2011/65/EC.
- Flow chart appendix is included.
- Photo appendix is included.



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TEST REPORT

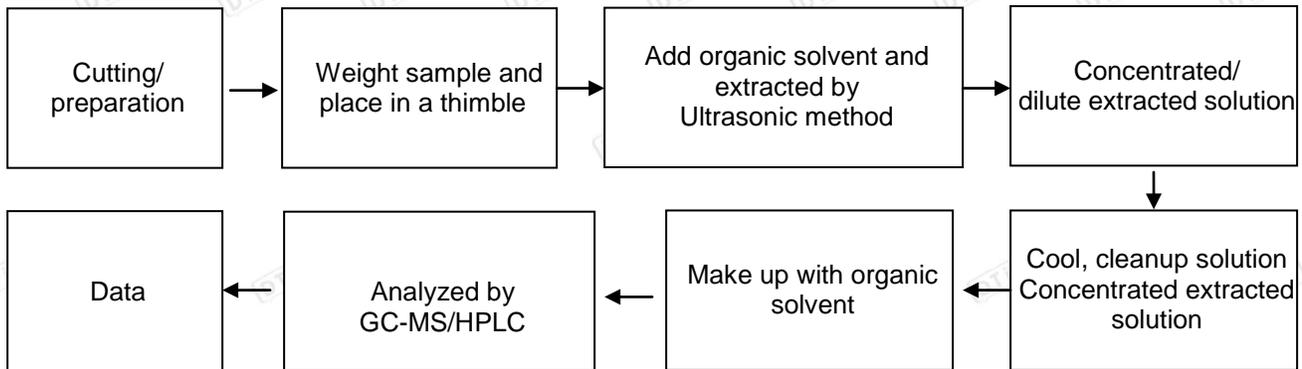
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Appendix I

Test Flow chart





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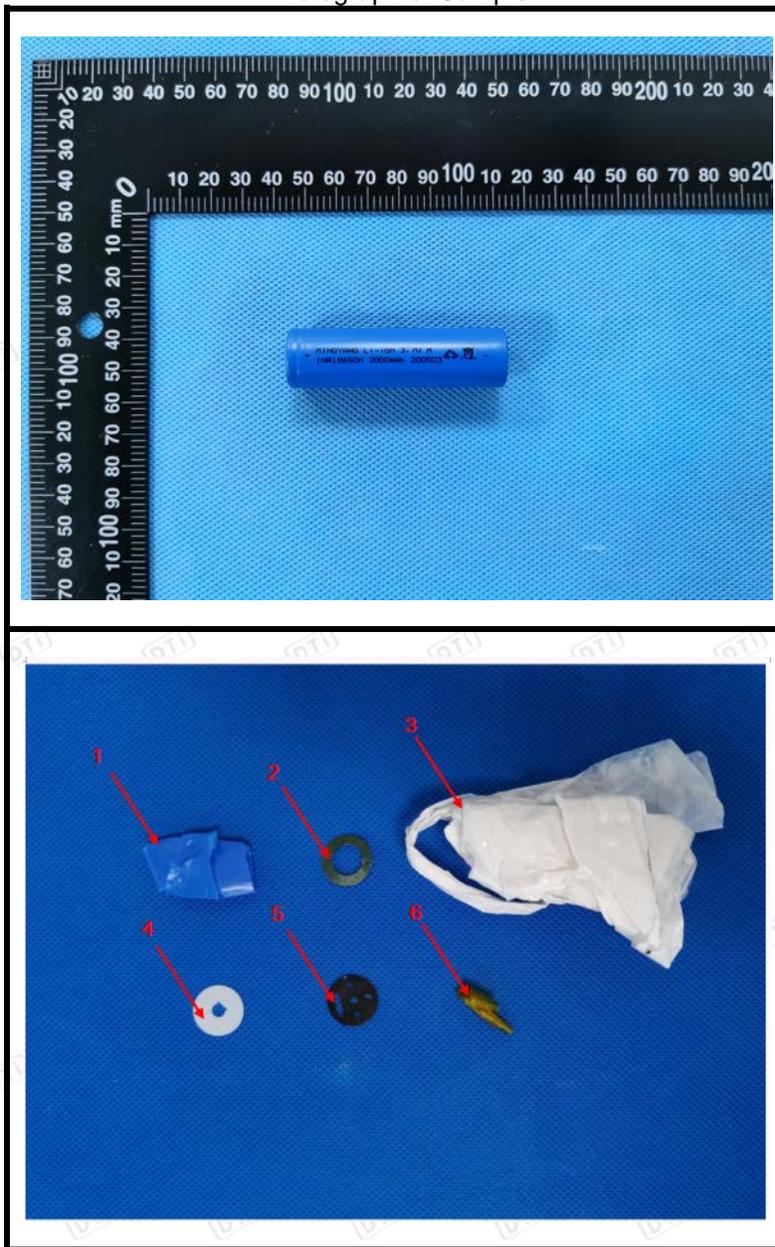


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Appendix II

Photograph of Sample



*** End of Report ***



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