

09-19

TEST REPORT

intertek

Total Quality, Assured

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REPORT NUMBER :	TURT190160191
APPLICANT NAME	Birikim Pilleri Batarya San. Tic. Ltd. Şti.
ADDRESS	Kemankeş Cad. Halilpaşa Sk.No:1/A Eminönü/İstanbul Fax:0212 251 94 33
SAMPLE DESCRIPTION :	One sample of POWER-XTRA 14.8V 7500 MAH BATTERY
DATE IN :	06 September, 2019 (11:20)
DATE OUT :	12 September, 2019
COUNTRY OF ORIGIN :	CHINA
REQUEST :	Battery Directive (2013/56/EU) was performed on the item.
RESULTS :	See attachment
CONCLUSION :	See attachment

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Merve Aydoğan Customer Care Executive

Zeynep Akın Chemical Laboratory Manager







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RESULTS

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PARTS	DESCRIPTION	CONCLUSION
	Sample	
1	BLACK PLASTIC BODY	PASS
2	MULTICOLOR STICKER	PASS
3	BLACK STICKER	PASS
4	YELLOW TAPE	PASS
5	TRANSPARENT TAPE	PASS
6	BEIGE TAPE	PASS
7	GREEN TAPE	PASS
8	TRANSPARENT SILICONE	PASS
9	BLACK FOAM TAPE	PASS
10	WHITE FOAM TAPE	PASS
11	BLACK GASKET	PASS
12	WHITE CABLE	PASS
13	SMALL BLACK CABLE	PASS
14	SMALL RED CABLE	PASS
15	BIG BLACK CABLE	PASS
16	BIG RED CABLE	PASS
17	BLACK CABLE ISOLATION	PASS
18	WHITE PLASTIC SOCKET	PASS
19	BIG WIRE	PASS
20	SMALL WIRE	PASS
21	BATTERY BODY	PASS





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(A) Test Method Summary

Testing Item		Battery Directive Limit (mg/kg)						
	Part 1	Part 2	Part 3	Part 4	Part 5	Part 6	Part 7	
Cadmium (Cd) Content	ND	ND	ND	ND	ND	ND	ND	0.002% (20 mg/kg)
Lead (Pb) Content	ND	ND	ND	ND	ND	ND	ND	See Note*
Mercury (Hg) Content	ND	ND	ND	ND	ND	ND	ND	0.0005% (5 mg/kg)

Testing Item		Result							
	Part 8	Part 9	Part 10	Part 11	Part 12	Part 13	Part 14		
Cadmium (Cd) Content	ND	ND	ND	ND	ND	ND	ND	0.002% (20 mg/kg)	
Lead (Pb) Content	ND	ND	ND	ND	ND	ND	ND	See Note*	
Mercury (Hg) Content	ND	ND	ND	ND	ND	ND	ND	0.0005% (5 mg/kg)	

Testing Item		Result							
	Part 15	Part 16	Part 17	Part 18	Part 19	Part 20	Part 21		
Cadmium (Cd) Content	ND	0.002% (20 mg/kg)							
Lead (Pb) Content	ND	See Note*							
Mercury (Hg) Content	ND	0.0005% (5 mg/kg)							

*All batteries, accumulators, and button cells shall be marked with a crossed wheelie bin symbol if they contain more than 0.0005% mercury, or more than 0.002% cadmium or more than 0.004% lead, then the chemical symbol for that particular metal shall be added beneath the crossed wheelie bin symbol. The chemical symbol shall cover an area at least 1,5 % of the surface area of the battery or accumulator and shall have a maximum size of 5 x 5 cm.

Separate chemical symbols are required if the battery or accumulator contains more than one of these metals. For example, a battery containing lead (Pb) exceeding 0.004% and mercury (Hg) exceeding 0.0005%, shall be marked with both the Pb and Hg symbols.

Remarks : ppm=Parts per million based on dry weight of sample <=Less than ND =Not detected NA =Not applicable NR =Not requested

(B) Test Method :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321-111/116/FDIS,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321-111/116/FDIS, by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321-111/116/FDIS,by acid digestion and determined by ICP-OES	2 ppm



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Part 5

Part 7



Part 9





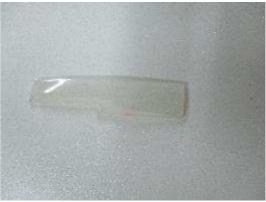
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Part 8



Part 10





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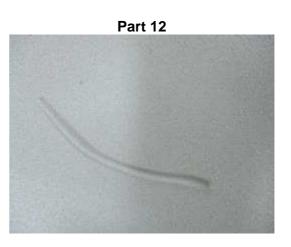
Part 11

Part 13









Part 14









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Part 17



Part 19





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Part 20





END OF TEST REPORT