



AB-0716-T
TURT190160191
09-19

## TEST REPORT

**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

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule. Opinions and interpretations expressed herein are outside the scope of TÜRKAK accreditation. Tests marked (\*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory.

Merve Aydoğan  
Customer Care Executive

Zeynep Akın  
Chemical Laboratory Manager

**Intertek Test Hizmetleri A.S.**  
Merkez Mahallesi Sanayi Cad. No.23 Altındag Plaza Yenibosna 34197 - ISTANBUL / TURKEY  
Phone : +90.212. 496 46 46 Fax: +90.212. 452 80 55  
e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)  
[www.intertek-turkey.com](http://www.intertek-turkey.com)



190160191

RESULTS

Page 2 of 7

REPORT: TURT190160191

12 September, 2019

PARTS	DESCRIPTION	CONCLUSION
	<b>Sample</b>	
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

RESULTS

Page 3 of 7

REPORT: TURT190160191

12 September, 2019

**(A) Test Method Summary**

Testing Item	Result							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							Battery Directive Limit (mg/kg)
	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							Battery Directive Limit (mg/kg)
	Part 15	Part 16	Part 17	Part 18	Part 19	Part 20	Part 21	
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)

\*All batteries, accumulators, and button cells shall be marked with a crossed wheelee 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 wheelee 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

RESULTS

Page 4 of 7

REPORT: TURT190160191

12 September, 2019



Part 1



Part 2



Part 3



Part 4



RESULTS

Page 5 of 7

REPORT: TURT190160191

12 September, 2019

**Part 5**



**Part 6**



**Part 7**



**Part 8**



**Part 9**



**Part 10**



RESULTS

Page 6 of 7

REPORT: TURT190160191

12 September, 2019

**Part 11**



**Part 12**



**Part 13**



**Part 14**



**Part 15**



**Part 16**



RESULTS

Page 7 of 7

REPORT: TURT190160191

12 September, 2019

**Part 17**



**Part 18**



**Part 19**



**Part 20**



**Part 21**



## END OF TEST REPORT ##