



AB-0716-T
TURT200134439
10-20

TEST REPORT

REPORT NUMBER : TURT200134439

APPLICANT NAME **Birikim Pilleri Batarya San. Tic. Ltd. Şti.**

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SAMPLE DESCRIPTION : One sample of Power-Xtra 3.2V LiFePO4 - 32650

DATE IN : 13 October, 2020 (14:19)

DATE OUT : 19 October, 2020

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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Kübra AKGÜN
Customer Care Executive

Zeynep Akın
Chemical Laboratory Manager



RESULTS

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PARTS	DESCRIPTION	CONCLUSION
	Sample	
1	MULTICOLOR STICKER	PASS
2	WHITE PLASTIC RING	PASS
3	BATTERY BODY	PASS

RESULTS

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(A) Test Method Summary

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

*All batteries, accumulators, and button cells shall be marked with a crossed wheellie 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 wheellie 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 1



Part 2



Part 3



END OF TEST REPORT