





TR2619255

03-25

TEST REPORT Job No./Report No TR2619255

Date: 07 March 2025

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İNFOTEK ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ

Halkalı Merkez Mahallesi Dereboyu Caddesi Cansu Sokak No:13 Küçükçekmece / İstanbul

TEL: 0212 407 09 10

To the attention of Sule Sevindik

The following sample(s) was /were submitted and identified by/on behalf of the clients as:

Sample Submitted By INFOTEK ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ

Sample Description Lithium Polymer Battery

Brand Name Profuse Country of Origin China

Model No. 3,7V 1S 450mAh 40C Lipo Battery

Sample Receiving Date 28 February 2025

Testing Period 28 February 2025 ~ 07 March 2025

Test Requested European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU -

Heavy Metals Content in Batteries and Accumulators

Test Method Please refer to next page(s) Please refer to next page(s) Test Result(s)

Conclusion The submitted battery sample does not exceed the limit mentioned in European

Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU.

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in the test result table. SGS applied shared risk decision rule.

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The test results relate to the tested items only.

Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul Signed for and on behalf of SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

RAVİYE MUTLU

Customer Services Supervisor

Bora Şirinbilek

Hardline C&H Testing Services Manager

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Component List: Specimen No.	Description	Conclusion
· 1	Lithium Polymer Battery	
1.1	Battery body	Pass
1.2	Battery conductive end	Pass
1.3	Battery protective tape	Pass
1.4	Battery protective tape	Pass
1.5	Battery protective tape	Pass
1.6	Battery protective tape	Pass

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European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU- Heavy Metals Content in **Batteries and Accumulators**

Test Item(s):	<u>Results</u>			<u>Unit</u>	MDL	<u>Limit</u>
	<u>1.1</u>	<u>1.2</u>	<u>1.3</u>			
Cadmium (Cd)	n.d	n.d	n.d	mg/kg	10	20
Mercury (Hg)	n.d	n.d	n.d	mg/kg	1	5
Lead (Pb)	n.d	n.d	n.d	mg/kg	10	-

Test Item(s):	<u>Results</u>			<u>Unit</u>	MDL	<u>Limit</u>
	<u>1.4</u>	<u>1.5</u>	<u>1.6</u>			
Cadmium (Cd)	n.d	n.d	n.d	mg/kg	10	20
Mercury (Hg)	n.d	n.d	n.d	mg/kg	1	5
Lead (Pb)	n.d	n.d	n.d	mg/kg	10	-

Remarks: 1 mg/kg = 0.0001%

ND =Not detected "-" = Not Regulated MDL = Method Detection Limit All parts of the sample were mixed, digest with acid totally and then analyzed by ICP-OES

Notes:

Results shown are of total weight of the battery sample.

*According to the European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU, all types of battery shall include the chemical symbol Lead when containing more than 0.004% of Pb.

*According to battery and accumulator local regulations 31.08.2004 t.25569 s.R.G battery shall include the chemical symbol Lead when containing more than 0,4% of Pb.

Testing Item	Testing Method	
Cadmium (Cd)Content	With reference to IEC 62321-5:2013, determination of Cadmium by ICP-MS/ICP-OES.	
Mercury (Hg)Content	With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-MS/ICP-OES.	
Lead (Pb)Content	With reference to IEC 62321-5:2013, determination of Lead by ICP-MS/ICP-OES.	



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1.1



1.3



1.2



1.4





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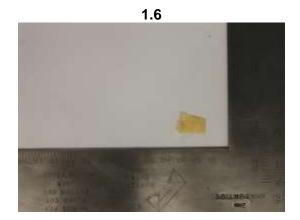
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End of Test Report