

**TEST REPORT** Job No./Report No TR2619369 Date: 11 March 2025 Page 1 of 6**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 Şule Sevindik**

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

Sample Submitted By : İNFOTEK ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ  
Sample Description : Lithium Polymer Battery  
Brand Name : Profuse  
Country of Origin : China  
Model No. : 18,5V 5S 6000mAh 40C Lipo Battery  
Sample Receiving Date : 28 February 2025  
Testing Period : 28 February 2025 ~ 11 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)  
Test Result(s) : Please refer to next page(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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SGS applied shared risk decision rule.

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The test results relate to the tested items only.  
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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.

1  
1.1  
1.2  
1.3  
1.4  
1.5  
1.6  
1.7

**Description**  
**Lithium Polymer Battery**  
Battery cover  
Battery body  
Battery conductive end  
Battery protective tape  
Battery protective tape  
Battery protective tape  
Battery protective tape

**Conclusion**  
**Pass**  
**Pass**  
**Pass**  
**Pass**  
**Pass**  
**Pass**  
**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**

| <u>Test Item(s):</u> | <u>Results</u> |            |            | <u>Unit</u> | <u>MDL</u> | <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         | -            |

| <u>Test Item(s):</u> | <u>Results</u> |            |            | <u>Unit</u> | <u>MDL</u> | <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         | -            |

| <u>Test Item(s):</u> | <u>Results</u> |  |  | <u>Unit</u> | <u>MDL</u> | <u>Limit</u> |
|----------------------|----------------|--|--|-------------|------------|--------------|
|                      | <u>1.7</u>     |  |  |             |            |              |
| Cadmium (Cd)         | n.d            |  |  | mg/kg       | 10         | 20           |
| Mercury (Hg)         | n.d            |  |  | mg/kg       | 1          | 5            |
| Lead (Pb)            | n.d            |  |  | mg/kg       | 10         | -            |

Remarks : 1 mg/kg = 0.0001%  
 ND =Not detected MDL = Method Detection Limit “-“ = Not Regulated  
 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.

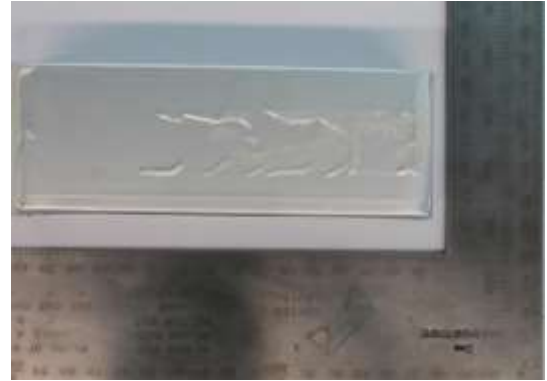
| <u>Testing Item</u> | <u>Testing Method</u>   |
|---------------------|---|
| Cadmium (Cd)Content | With reference to IEC 62321-5:2013, determination of Cadmium by ICP-MS/ICP-OES.         |
| Mercury (Hg)Content | With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-MS/ICP-OES.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



1.1



1.2



1.3



1.4



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1.5



1.6



1.7



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End of Test Report

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