

**TEST REPORT** Job No./Report No TR2619429 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.	: 37V 10S 8500mAh 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 İstanbul  
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**

Test Item(s):	Results			Unit	MDL	Limit
	1.1	1.2	1.3			
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):	Results			Unit	MDL	Limit
	1.4	1.5	1.6			
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):	Results			Unit	MDL	Limit
	1.7					
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.

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.



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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