

**TEST REPORT** Job No./Report No TR2619263 Date: 06 March 2025 Page 1 of 6**İNFOOTEK 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. : 3,7V 1S 1500mAh 45C Lipo Battery  
Sample Receiving Date : 28 February 2025  
Testing Period : 28 February 2025 ~ 06 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.  
Test reports without SGS seal and authorised signatures are invalid.

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 protector gelatine  
Battery body  
Battery conductive end  
Battery tape  
Battery tape  
Battery tape  
Battery 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



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1.7



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End of Test Report

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