

TEST REPORT Job No./Report No TR2619255 Date: 07 March 2025 Page 1 of 6**İNFOTEK ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ**

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

Job No./Report No TR2619255

Date: 07 March 2025

Page 2 of 6

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

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

Conclusion
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	-

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



TEST REPORT Job No./Report No TR2619255

Date: 07 March 2025

Page 6 of 6

1.5



1.6



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End of Test Report

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