

TEST REPORT Job No./Report No TR2619443 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.	: 44,4V 12S 30000mAh 15C Solid State 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.
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.
1
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
Description
Lithium Polymer Battery

Battery cover

Battery body

Battery conductive end

Battery protective tape

Battery protective tape

Battery protective tape

Battery protective tape

Battery protective tape

Conclusion
Pass
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	1.8			
Cadmium (Cd)	n.d	n.d	mg/kg	10	20
Mercury (Hg)	n.d	n.d	mg/kg	1	5
Lead (Pb)	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



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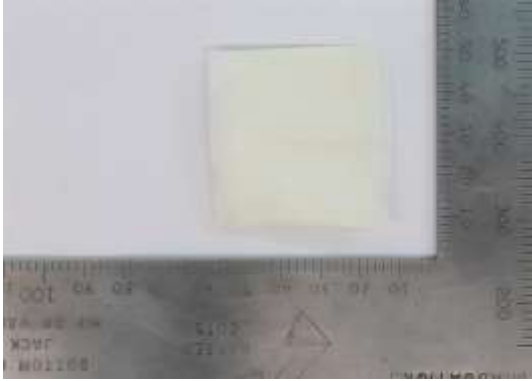
1.5



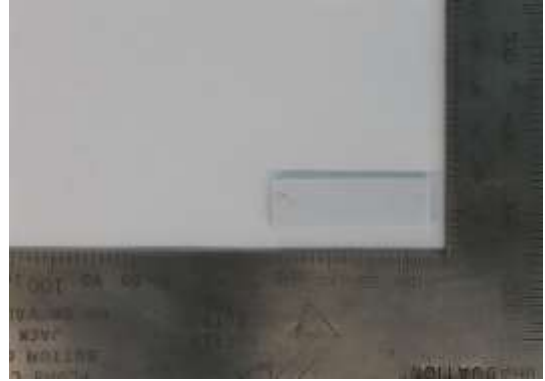
1.6



1.7



1.8



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End of Test Report

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