



AB-0690-T

TR2619416

03-25

TEST REPORT

Job No./Report No TR2619416

Date: 11 March 2025

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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. : 25,9V 7S 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 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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TEST REPORT Job No./Report No TR2619416 Date: 11 March 2025 Page 4 of 6**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.

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.

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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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