





TR2619365-RV1

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İNFOTEK ELEKTRONİK SANAYİ VE TİCARET ANONİM SİRKETİ

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

TEL: 0212 407 09 10

To the attention of Sule 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. : 18,5V 5S 5000mAh 100C Lipo Battery

Sample Receiving Date : 28 February 2025 Resubmit Date : 12 March 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 authorized signatures are invalid.

Issued in Istanbul Signed for and on behalf of SGS Supervise Gözetme Etüd Kontrol Servisleri A.S.

> IN THIS REVISED-1 REPORT. MODEL NO WAS CORRECTED. THIS REPORT SUPERSEDES OUR REPORT NO: TR2619365 DATED 11.03.2025.

RAVİYE MUTLU

Customer Services Supervisor

Bora Şirinbilek

Hardline and C&H Testing Services Manager

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Component List:		
Specimen No.	Description	Conclusion
1	Lithium Polymer Battery	
1.1	Battery cover	Pass
1.2	Battery body	Pass
1.3	Battery conductive end	Pass
1.4	Battery protective tape	Pass
1.5	Battery protective tape	Pass
1.6	Battery protective tape	Pass
1.7	Battery protective tape	Pass
1.8	Battery protective tape	Pass

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<u>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>Results</u>			<u>Unit</u>	MDL	<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	-

Test Item(s):	<u>Results</u>			<u>Unit</u>	MDL	<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	-

Test Item(s):	Res	<u>Unit</u>	MDL	<u>Limit</u>	
	<u>1.7</u>	<u>1.8</u>			
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:

1) 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



1.3



1.2



1.4

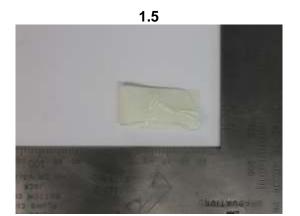


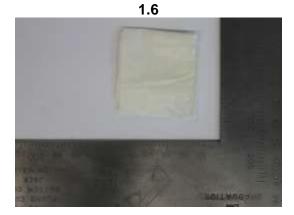


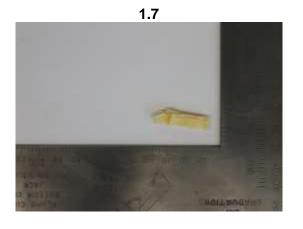
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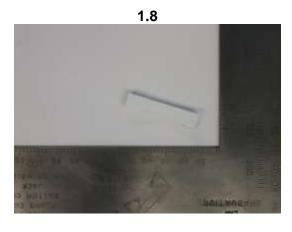
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End of Test Report