



AB-0690-T

TR2057985

1-22

TEST REPORT

Job No./Report No TR2057985

Date:17 January 2022

Page 1 of 5

TEKSAN İÇ VE DIŞ TİCARET LTD. ŞTİ.

2824 Sokak No:6 1. Sanayi Sitesi İZMİR

TEL: 0232 459 56 16

FAX: 0232 459 70 38

To the attention of Mustafa Kapıcılar

The following sample(s) was /were submitted and identified by/on behalf of the clients as:

Sample Submitted By : TEKSAN İÇ VE DIŞ TİCARET LTD. ŞTİ.
Sample Description : ORBUS Lithium Button Battery
Model No. : CR3032 3V
Sample Receiving Date : 3 January 2022
Testing Period : 3 January 2022 ~ 17 January 2022
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 TR2057985

Date:17 January 2022

Page 2 of 5

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.

Mert Kurtuluş
Customer Services Supervisor

Bora Şirinbilek
Hardline & CPCH Testing Services Manager



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TEST REPORT

Job No./Report No TR2057985

Date:17 January 2022

Page 3 of 5

AB-0690-T

TR2057985

1-22

Component List: Specimen No.

1
1.1

Description
ORBUS Lithium Button Battery
Silver Metal Battery Body

Conclusion
Pass

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AB-0690-T

TR2057985

1-22

TEST REPORT

Job No./Report No TR2057985

Date:17 January 2022

Page 4 of 5

European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU– Heavy Metals Content in Batteries and Accumulators¹

Test Method: Acid digestion method, analysis was performed by ICP-OES.

Test Item(s):	Results	Unit	MDL	Limit
	1.1			
Cadmium (Cd)	n.d	mg/kg	10	20
Mercury (Hg)	n.d	mg/kg	1	5

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.

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End of Test Report

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