



AB-0690-T
TR2674415-RV1
07-25

TEST REPORT

Job No./Report No TR2674415-RV1

Date: 17 July 2025

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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 ALKALINE BUTTON BATTERY
Model No. : AG3 LR41 1.5V
Sample Receiving Date : 09 July 2025
Resubmit Date : 17 July 2025
Testing Period : 09 July 2025 ~ 17 July 2025
Test Requested : Annex I of Regulation (EU) 2023/1542 – Heavy Metals Content in batteries and waste batteries
Test Method : Please refer to next page(s)
Test Result(s) : Please refer to next page(s)
Conclusion : The submitted sample comply the limit mentioned in Annex I of Regulation (EU) 2023/1542

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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.Ş.

IN THIS REVISED-1 REPORT, MODEL NO WAS CORRECTED.

THIS REPORT SUPERSEDES OUR REPORT NO: TR2674415 DATED 17.07.2025

RAVİYE MUTLU
Customer Services Supervisor

Bora Şirinbilek
Hardline and C&H Testing Services Manager



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Component List:
Specimen No.

1
1.1

Description
MEGANIT ALKALINE BATTERY
Battery body

Conclusion
Pass

Doc No.:CTSL-F-5.10-245NF / First Publish Date:18.07.2018 / Revision Date / No.: 26.03.2021/ 2

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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			
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:

- 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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End of Test Report

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