

Test Report

Number: 200301653SHA-004

Applicant: ADA IMPORT & GROSSVERTRIEBS
BERGIUSSTR. 53-59, 12057 BERLIN GERMANY

Date: Mar 26, 2020

Sample Description:

One (1) submitted sample said to be:

Item Name	:	Alkaline Battery
Model No.	:	LR6-8BP 11744806, LR03-8BP 11744803, LR14-2BP 11700214, LR20-2BP 11700220, 6LR61-1BP 11700122
Material	:	Zn+ MnO ₂ + Steel+H ₂ O
Brand Name	:	ARCAS

Tests conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	2006/66/EC and amendment 2013/56/EU Directives on batteries and accumulators on heavy metal content and labelling requirement of crossed-out wheeled bin	Pass

To be continued

Authorized By:
For Intertek Testing Services Ltd. Shanghai



Jonny Jing
Operation Manager



Tests Conducted

1. Heavy metal content in batteries and accumulators/ Portable Rechargeable Batteries

(A) Examination of labelling on batteries / accumulators of Crossed-out Wheeled Bin

Requirement: (1) According to 2006/66/EC and amendment 2013/56/EU, appropriate symbols of crossed-out wheeled bin is required for separate collection.

(2) According to 2006/66/EC and amendment 2013/56/EU, appropriate chemical symbol on Lead is required when the Lead content of the submitted sample exceeded the reference value.

(3) According to 2006/66/EC and amendment 2013/56/EU, appropriate chemical symbol on Mercury/Cadmium is required when the submitted sample contained more than 0.0005 % / 0.002% of mercury/Cadmium.

Result: (1) The symbol of crossed-out wheeled bin was found on the product.

(B) Test Result

With reference to EPA/SW-846. By Atomic Absorption Spectrophotometric Analysis.

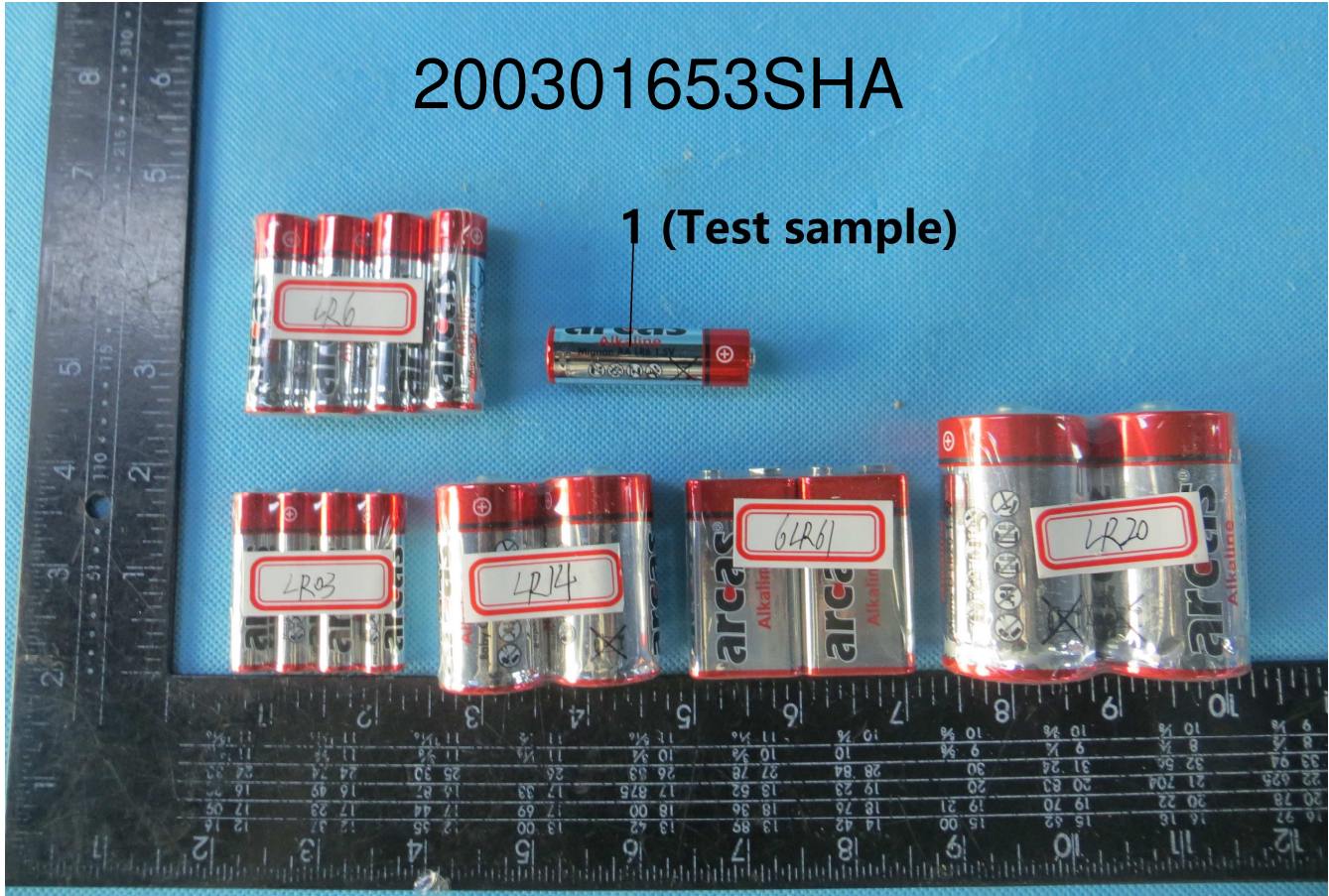
<u>Test item</u>	<u>Result in %(w/w)</u>	<u>MDL in %(w/w)</u>	<u>Limit in %(w/w)</u>
Mercury (Hg)	ND	0.0001	0.0005(batteries and accumulators including button cells)
Cadmium (Cd)	ND	0.0010	0.0020
			<u>Reference value in %(w/w)</u>
Lead (Pb)	ND	0.0020	0.0040

Remark: MDL= Method detection limit
ND= Not detected

To be continued



Photos



Date sample received: Mar 17, 2020
Testing period: Mar 17, 2020 To Mar 25, 2020

End of report

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