



RoHS Consolidated Test Report

Applicant	:	dabstar24.de
Applicant Address	:	dabstar24.deGmbH Eichenstrasse 1 13156 Berlin
Manufacturer	:	dabstar24.de
Manufacturer Address	:	dabstar24.deGmbH Eichenstrasse 1 13156 Berlin
Product	:	lithium battery
Model No.	:	DR WAX PEN
Trademark	:	N/A
Date of Issue	:	Oct.25,2019


Test Standards: RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-VIS	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

Test Result(s) Please refer to the following page(s).

Approved by: Kevin Yang
(Kevin Yang)





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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
01	Metal shell	SGS	SH190121244/CHEM Date:2019/06/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
02	Plastic end cap	SGS	GZ1901244198/CHEM Date:2019/05/27	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
03	Battery	SGS	SH1901247/CHEM Date:2019/05/19	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
04	Wire	SGS	KA/2019/19044 Date:2019/07/04	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
05	Button	SGS	KA/2019/C1904 Date:2019/05/24	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
06	PCB	SGS	EC190123114 Date:2019/04/10	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
07	LED	SGS	KA/2019/19012 Date:2019/06/04	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
08	IC	SGS	GZ1902111574/CHEM Date:2019/07/01	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
09	Capacitance	SGS	SH1901278/CHEM Date:2019/05/09	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
10	Resistance	SGS	CANEC190123474 Date:2019/05/27	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
11	Sensor	SGS	SH109012114/CHEM Date:2019/07/10	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
12	Insulation Tape	SGS	GZ0901524415/CHEM Date:2019/06/26	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D



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No.	Component	Issue Body	Report No.& Issue Date	Test Data(ppm)
13	Soldering	SGS	SH1901214-1/CHEM Date:2019/04/17	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D
14	Silk screen	SGS	CANEC1901687856 Date:2019/07/07	Cd: N.D Pb: N.D Hg: N.D Cr ⁶⁺ :N.D PBBS: N.D PBDES: N.D DEHP:N.D BBP:N.D DBP:N.D DIBP:N.D

Remarks:

- (1) This report is not a formal test report but only consolidating the test date listed above;
- (2) Test results are from other testing organizations. Shenzhen HTT Technology Co., Ltd.
Has no liability to assume the verification of the authenticity of the above test reports results.
- (3) The report shall not be reproduced in part without written approval of us.

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Photo(s) of the sample(s)



*** End of report ***