

Test Report

Report No.: TS24040097



Verify authenticity

Applicant	Fullriver Battery Manufacture Co.,Ltd.
	Guikeng Industrial Area,Zhishan
	Town,Heshan City,Guangdong Province,
Address	China
Report Date	2024-04-17

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

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Test Report

Applicant	Fullriver Battery Manufacture Co.,Ltd.
Address	Guikeng Industrial Area,Zhishan Town,Heshan City,Guangdong Province, China
Sample Name	Valve Regulated Sealed Lead-Acid Battery
Type/ Model	/
Material/Colour	/
Other Info.	/
The sample information included above and test component(s) are provided and confirmed by the applicant	
Sample Received Date	2024-04-01
Test Period	2024-04-01~2024-04-11
Test Requirement	According to client's requirement, the test items refer to the requirement of Safe Drinking Water and Toxic Enforcement Act of 1986 (California's Proposition 65)

Test Item(s)	Test Result(s)
Lead(Pb) Content	See Test Result(s)
Cadmium(Cd) Content	Pass
Phthalates Content	Pass

Prepared by: Meng Qi
Meng Qi

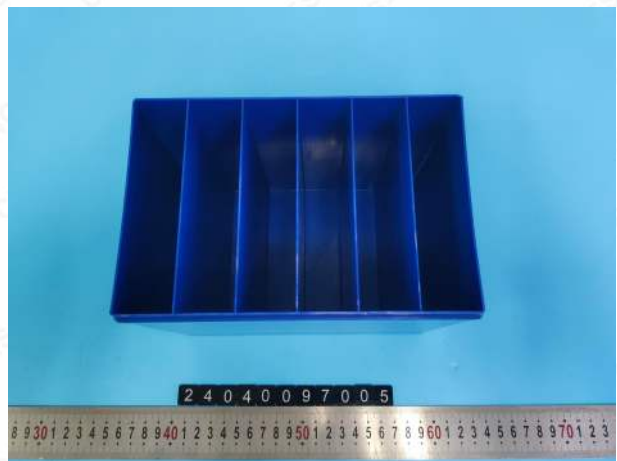
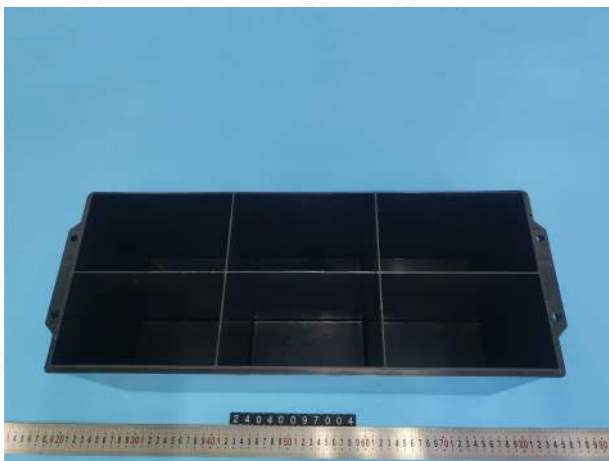
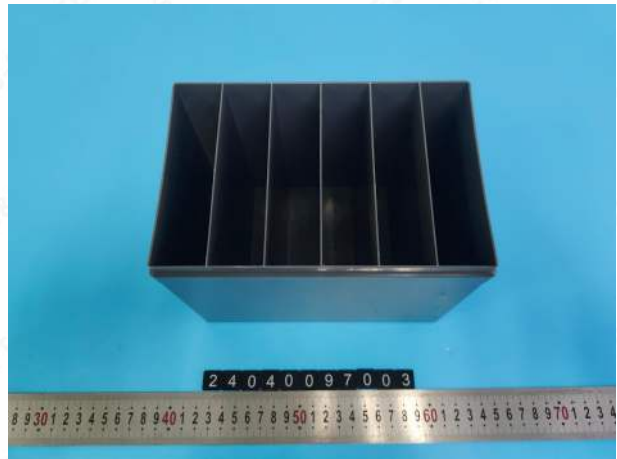
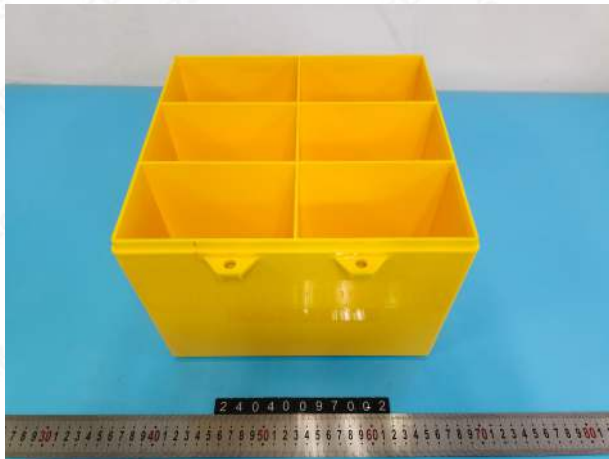
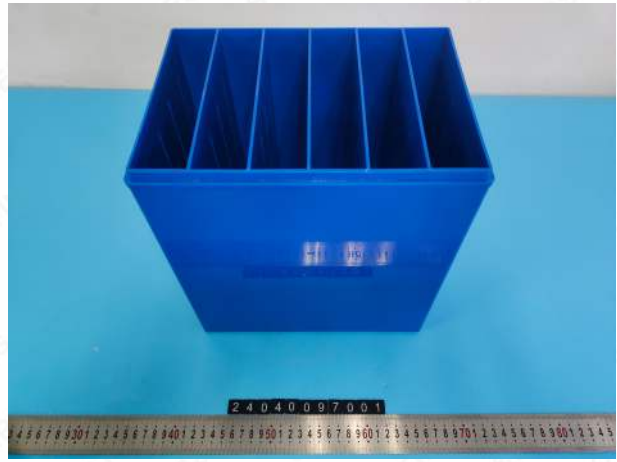
Reviewed by: Li Xuefeng
Li Xuefeng

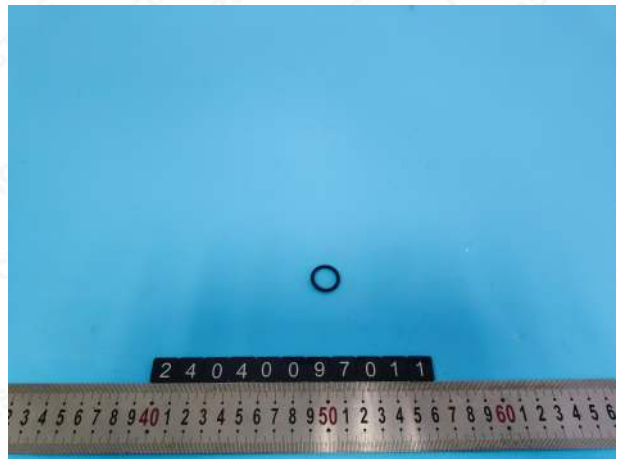
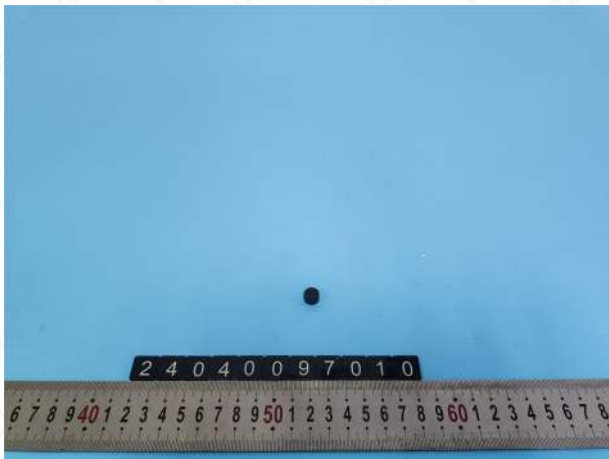
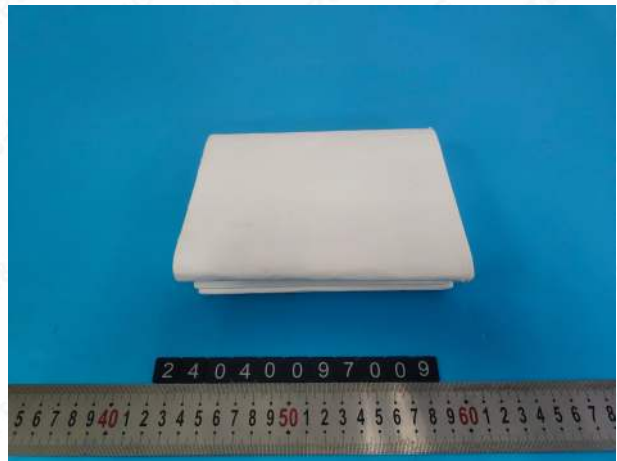
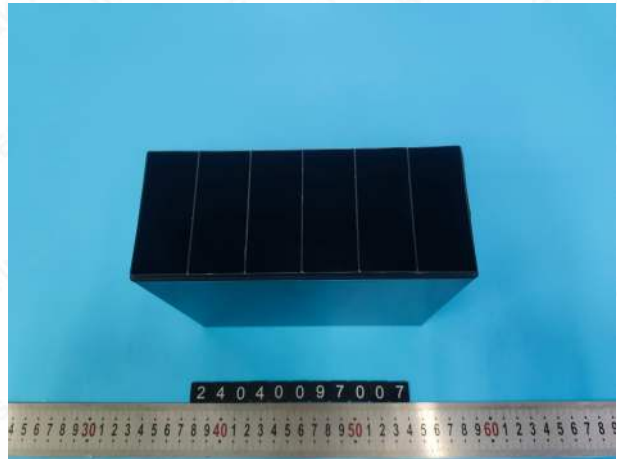
Accredited
Signatory by: Zhang Yangyang
Zhang Yangyang
Issue date: 2024-04-17

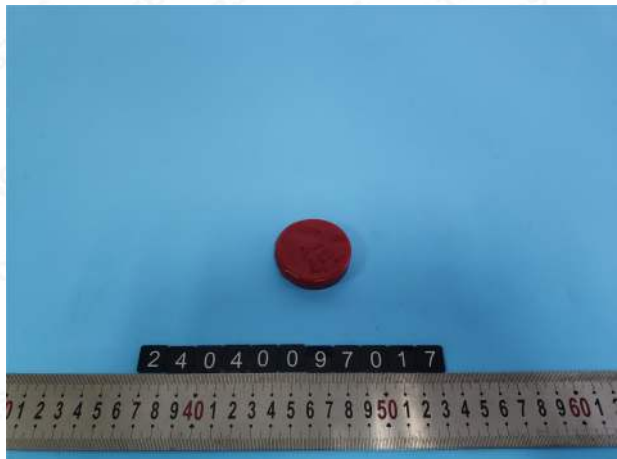
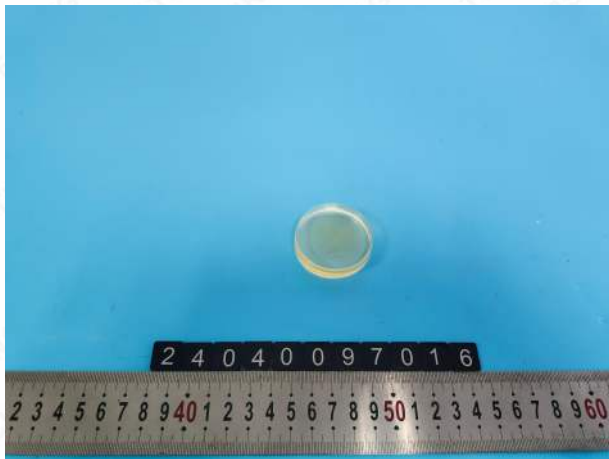
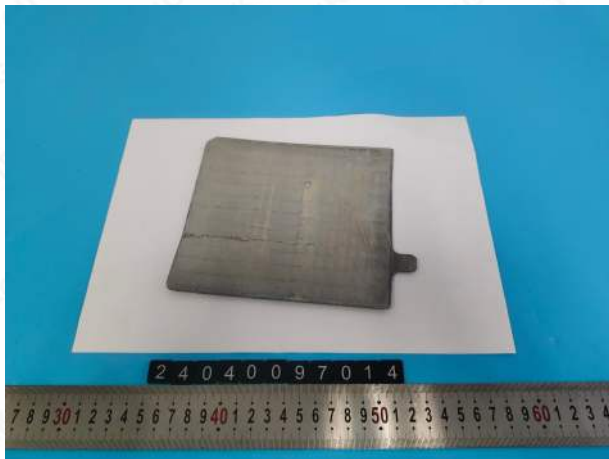
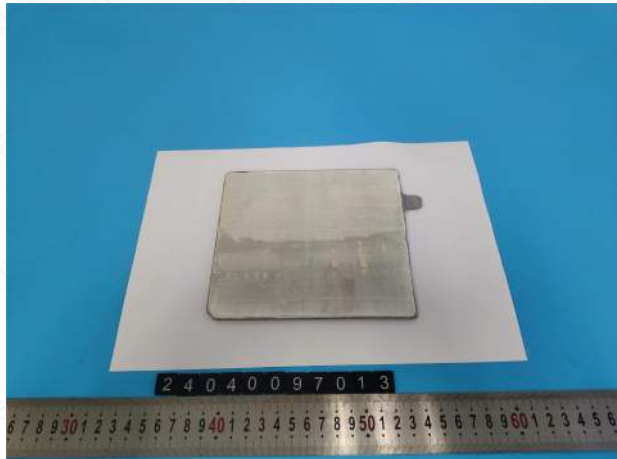
Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS24040097001	Battery case	/	ABS/300C blue	/
002	TS24040097002	Battery case	/	ABS/0041 yellow	/
003	TS24040097003	Battery case	/	ABS/8050 grey	/
004	TS24040097004	Battery case	/	ABS/1688 black	/
005	TS24040097005	Battery case	/	ABS/2945C blue	/
006	TS24040097006	Battery case	/	ABS/8033 red	/
007	TS24040097007	Battery case	/	ABS/1688 black shell /429C grey lid	/
008	TS24040097008	Battery case	/	Pearl silver shell /REL7015 cover pool shell	/
009	TS24040097009	Diaphragm paper	/	AGM	/
010	TS24040097010	Safety valve	/	EPDM	/
011	TS24040097011	O-ring	/	/	/
012	TS24040097012	Copper head	/	Epoxy resin	/
013	TS24040097013	Positive plate	/	/	/
014	TS24040097014	Negative plate	/	/	/
015	TS24040097015	Black end glue	/	Epoxy resin	/
016	TS24040097016	Middle cover glue	/	Epoxy resin	/
017	TS24040097017	Red end glue	/	Epoxy resin	/

Photo(s):







**Test Result(s):
Lead(Pb) Content**

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)				
					001	002	003	004	005
Lead(Pb)	EPA 3052:1996; EPA 6010D:2018	/	5	mg/kg	N.D.	N.D.	438	N.D.	68

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)				
					006	007	008	009	010
Lead(Pb)	EPA 3052:1996; EPA 6010D:2018	/	5	mg/kg	N.D.	N.D.	N.D.	35	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					011	015	016	017
Lead(Pb)	EPA 3052:1996; EPA 6010D:2018	/	5	mg/kg	60	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)		
					012	013	014
Lead(Pb)	EPA 3050B:1996; EPA 6010D:2018	/	5	mg/kg	68200	935000	923000

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Cadmium(Cd) Content

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)				
					001	002	003	004	005
Cadmium(Cd)	EPA 3052:1996; EPA 6010D:2018	≤100	5	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)				
					006	007	008	009	010
Cadmium(Cd)	EPA 3052:1996; EPA 6010D:2018	≤100	5	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)			
					011	015	016	017
Cadmium(Cd)	EPA 3052:1996; EPA 6010D:2018	≤100	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)		
					012	013	014
Cadmium(Cd)	EPA 3050B:1996; EPA 6010D:2018	≤100	5	mg/kg	41	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Phthalates Content

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)				
					001	002	003	004	005
Butylbenzylphthalate (BBP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutylphthalate (DBP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Di- (2-ethylhexyl) -phthalate (DEHP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	16	N.D.	N.D.	N.D.
Diisodecyl ortho-phthalate (DIDP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	50	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	50	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Diisononyl ortho-phthalate (DINP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)				
					006	007	008	009	010
Butylbenzylphthalate (BBP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutylphthalate (DBP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Di- (2-ethylhexyl) -phthalate (DEHP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Diisodecyl ortho-phthalate (DIDP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	50	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	50	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.
Diisononyl ortho-phthalate (DINP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Phthalates Content

Test Item(s)	Test Method	Requirement	MDL	Unit	Test Result(s)			
					011	015	016	017
Butylbenzylphthalate (BBP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Dibutylphthalate (DBP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Di- (2-ethylhexyl) - phthalate (DEHP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Diisodecyl ortho-phthalate (DIDP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	50	mg/kg	N.D.	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DnHP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	50	mg/kg	N.D.	N.D.	N.D.	N.D.
Diisononyl ortho-phthalate (DINP)	EPA 3550C:2007; EPA 8270E:2018	≤1000	10	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Statement:

I This report is invalid without the signature of accredited signatory. Any alteration to this report is also invalid.

II This report is invalid without the special seal of inspection & testing.

III This report shall not be part copy without written approval of Hangzhou C&K Testing Technic Co., Ltd..

IV Any commercial activity such as advertising or propaganda is not allowed without authorization of Hangzhou C&K Testing Technic Co., Ltd..

V The test results shown in this report refer only to the sample submitted by applicant.

VI Please respond to Hangzhou C&K Testing Technic Co., Ltd. within fifteen working days upon receipt of this report if there is any objection.

VII Hangzhou C&K Testing Technic Co., Ltd. guarantee that we shall not disclose information such as the commercial information, technical documents or test report to any third party.

VIII The applicant should undertake the legal responsibility that result from providing untruth information.

IX This report is only for scientific research, teaching, internal quality control of enterprises, etc without the seal of China Metrology Accreditation.

X The quantity of the sample does not meet the requirements of retest and arbitration, it shall be regarded as the customer waiving the right of retest and arbitration.

The end of report