ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

EU-Type Examination Certificate

No. E6A 090762 0040 Rev. 00

Holder of Certificate: **Pylon Technologies Co., Ltd.**
No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park
201203 Pudong, Shanghai
PEOPLE'S REPUBLIC OF CHINA

Product: **Batteries**
(Rechargeable Li-ion Battery)

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with such aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU. For details see: www.tuvsud.com/ps-cert

Evaluation Report No.: 64.771.21.60091.01-(T)

Date, 2021-07-08

V. Albrecht

(Volker Albrecht)

TÜV SÜD Product Service GmbH is notified Body to the Directive 2014/30/EU relating to electromagnetic compatibility with the identification number 0123.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

EU-Type Examination Certificate

No. E6A 090762 0040 Rev. 00

Model(s): **US5000, US5000-B**

Description of Object:

Basic Parameters	
Rated Energy/Capacity	4.8kWh/100Ah
Nominal Voltage	48V
Charge Voltage	52.5V~ 53.5V
Nominal Current	50A
Maximum Current	100A

Remark: All aspects of the essential requirements were assessed

Tested according to: EN IEC 61000-6-2:2019
EN 61000-6-3:2007/A1:2011

TÜV SÜD Product Service GmbH is notified Body to the Directive 2014/30/EU relating to electromagnetic compatibility with the identification number 0123.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. B 090762 0051 Rev. 00

Holder of Certificate: **Pylon Technologies Co., Ltd.**
No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park
201203 Pudong, Shanghai
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

Product: **Batteries**
(Rechargeable Li-ion Battery)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier.
All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64280216030101

Valid until: 2027-07-25

Date, 2022-07-26

(Harry Zhang)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. B 090762 0051 Rev. 00

Model(s): **US5000; US5000-B**

Brand Name: **PYLONTECH**

Parameters:

Nominal voltage:	48Vd.c.
Rated capacity:	100Ah

Tested according to: VDE-AR-E 2510-50:2017

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TÜV®

Test Report No. 64.168.20.60353.01A
Rev. 00
Dated 2021-02-23

Applicant:	Pylon Technologies Co., Ltd.
Address:	No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park, Pudong, 201203 Shanghai, P.R. China
Sample Description:	Rechargeable Li-ion Battery
Model No.:	US2000C、US3000C、UP5000
Sample Received Date:	2021-01-08
Test Period:	From 2021-01-08 to 2021-02-19
Purpose of examination:	Verification of RoHS (Restriction of Hazardous Substances) directive 2011/65/EU and its amendment (EU) 2015/863 on submitted samples
Test Result:	Refer to following page(s)
Remark:	The result relates only to the items tested.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group

Prepared by:

Autumn Lin

Autumn Lin
Project Handler

Reviewed by:

Kevin Zhang

Kevin Zhang
Designated Reviewer

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group
5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave.
Guangzhou 510656, P.R. China
Tel.: (86) 20 38320668
Fax: (86) 20 38320478

SUMMARY OF TEST RESULTS

No.	Test Requested	Conclusion	Remarks
1.	Heavy Metal (Pb, Cd, Hg and Cr VI) Content	**PASS**	/
2.	Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) Content	**PASS**	/
3.	Phthalates (DEHP, BBP, DBP and DIBP) Content	**PASS**	/

Verification Report No. 64.168.22.60386.01D
Rev.00
Dated 2022-12-02

Applicant:	Pylon Technologies Co., Ltd.
Address:	No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park, Pudong, 201203 Shanghai, P.R. China
Sample Description:	Rechargeable Li-ion Battery excluding cell
Model No.:	Pelio-L-5.12, US5000, US5000-B
Sample Received Date:	2022-11-15
Test Period:	From 2022-11-15 to 2022-12-02
Purpose of examination:	Based on randomly-sampled examination of the evaluated Product, test Lead, Mercury, Cadmium, Chromium VI, Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), DEHP, BBP, DBP and DIBP according to RoHS (Restriction of Hazardous Substances) directive 2011/65/EU and its amendment (EU) 2015/863.
Test Result:	Refer to following page(s)
Remark:	The result relates only to the items tested.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
TÜV SÜD Group

Prepared by:

Lily Feng
Project Handler

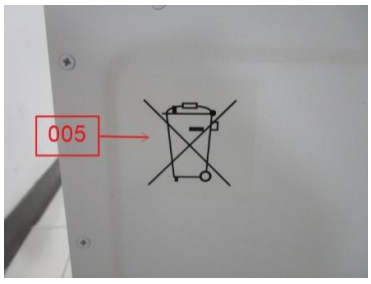
Reviewed by:

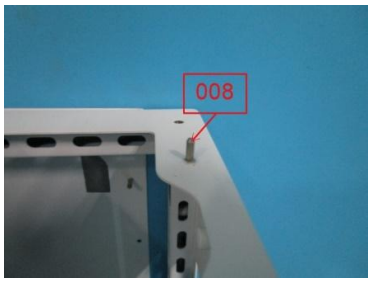
Kevin Zhang
Designated Reviewer

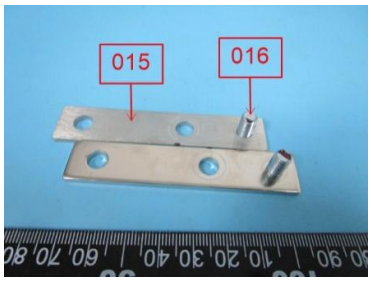
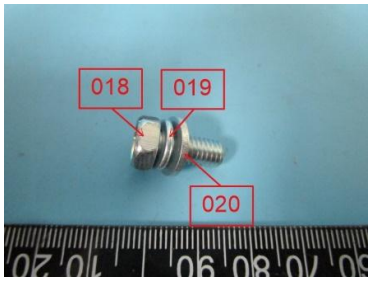
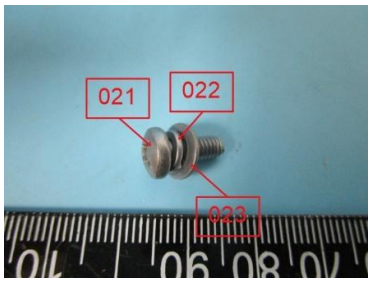
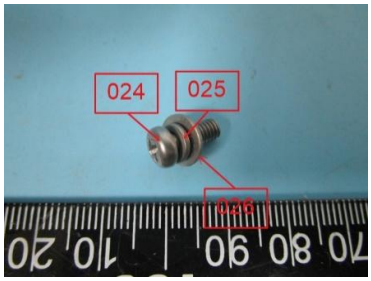
SUMMARY OF TEST RESULTS

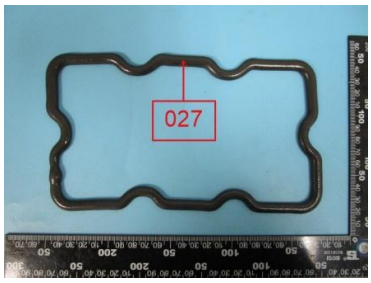
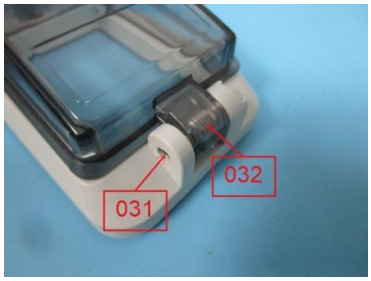
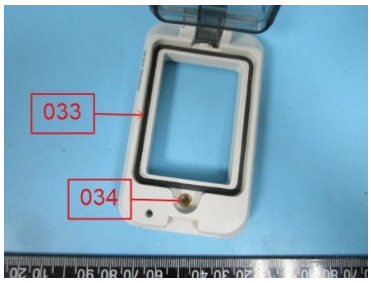
No.	Test Requested	Conclusion	Remarks
1.	Heavy Metal (Pb, Cd, Hg and Cr VI) Content	**PASS**	/
2.	Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) Content	**PASS**	/
3.	Phthalates (DEHP, BBP, DBP and DIBP) Content	**PASS**	/

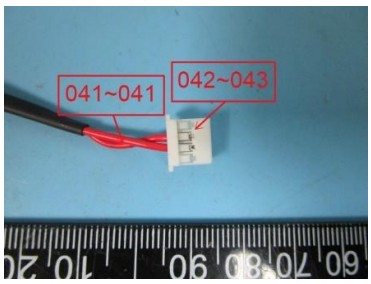
1. TESTED SUBJECT DESCRIPTION

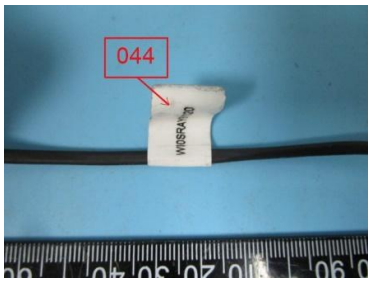
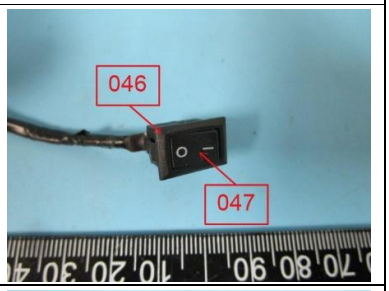
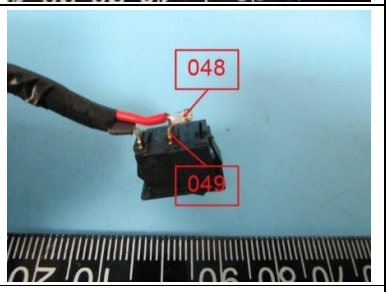
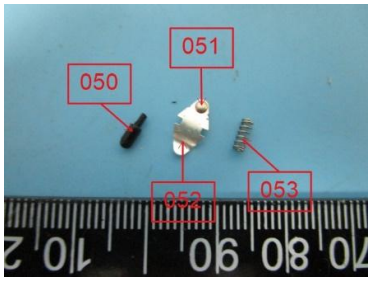
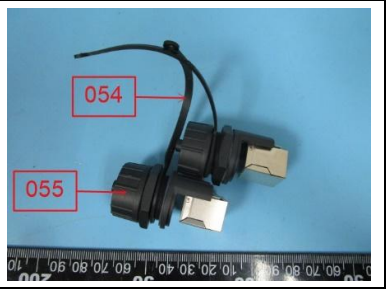
Sample Number	Model No.	Tested Material Description	Photo
001	Pelio-L-5.12	Silvery metal substrate part	
002		White/grey coating on case	
003		Silvery metal substrate case	
004	Pelio-L-5.12	Transparent plastic black/blue printed sticker	
005	Pelio-L-5.12	White plastic black printed sticker	
006	Pelio-L-5.12	Silvery plastic black printed sticker	
007	Pelio-L-5.12	Silvery metal part	

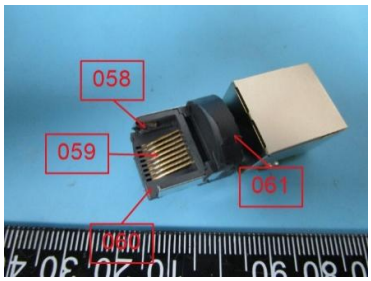
Sample Number	Model No.	Tested Material Description	Photo
008	Pelio-L-5.12	Silvery metal pin	
009	Pelio-L-5.12	Silvery metal screw	
010	Pelio-L-5.12	Orange plastic part	
011		Black plastic part	
012		White plastic part	
013	Pelio-L-5.12	Silvery metal part	
014	Pelio-L-5.12	Grey soft plastic ring	

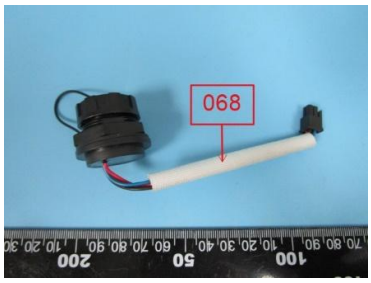
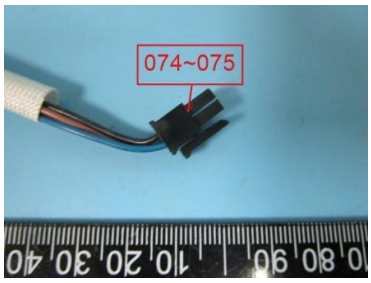
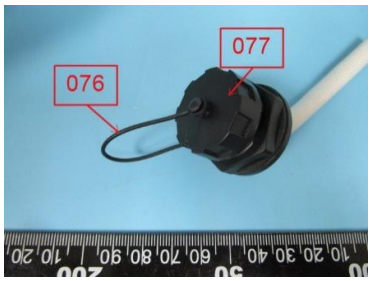
Sample Number	Model No.	Tested Material Description	Photo
015	Pelio-L-5.12	Silvery metal plate	
016		Blue plated metal screw	
017	Pelio-L-5.12	Blue plated metal nut	
018	Pelio-L-5.12	Blue plated metal screw	
019		Blue plated metal ring	
020		Blue plated metal washer	
021	Pelio-L-5.12	Silvery metal screw	
022		Silvery metal ring	
023		Silvery metal washer	
024	Pelio-L-5.12	Silvery metal screw	
025		Silvery metal ring	
026		Silvery metal washer	

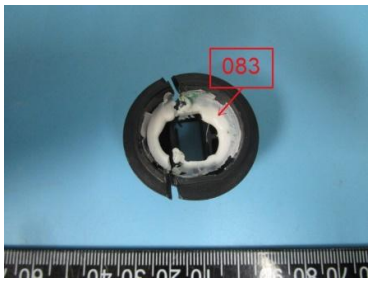
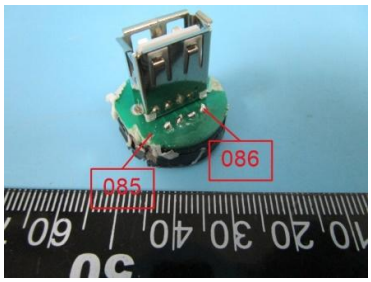
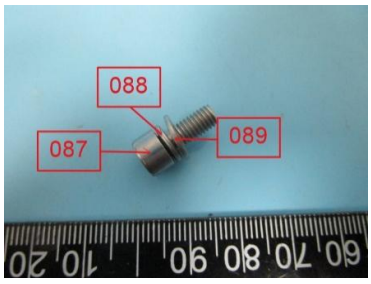
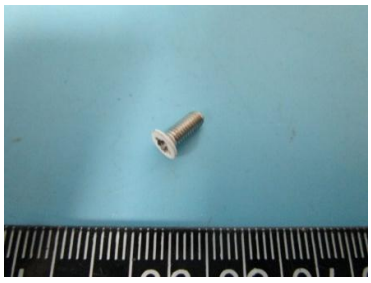
Sample Number	Model No.	Tested Material Description	Photo
027	Pelio-L-5.12	Black foam	
028	Pelio-L-5.12	Transparent grey plastic cover	
029	Pelio-L-5.12	Grey plastic knob	
030		Silvery metal screw	
031	Pelio-L-5.12	Silvery metal axle	
032		Silvery metal spring	
033	Pelio-L-5.12	Black soft plastic ring	
034		Golden metal part	

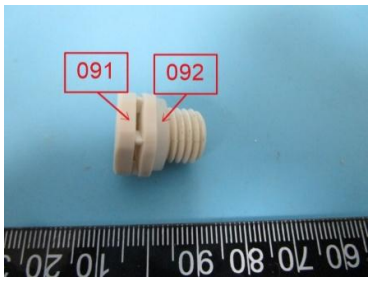
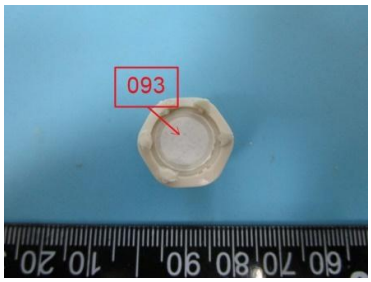
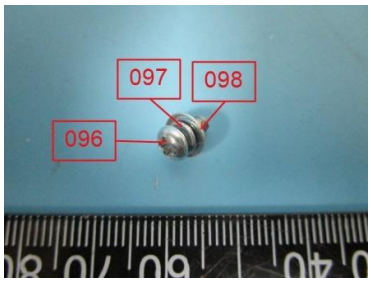
Sample Number	Model No.	Tested Material Description	Photo
035	Pelio-L-5.12	Blue plated metal screw	
036	Pelio-L-5.12	Black plastic part	
037	Pelio-L-5.12	Black soft plastic part	
038	Pelio-L-5.12	Black soft plastic washer	
040	Pelio-L-5.12	Red soft plastic wire jacket (DAOWANG)	
041		Silvery metal wire	
042		White plastic socket	
043		Silvery metal pin	

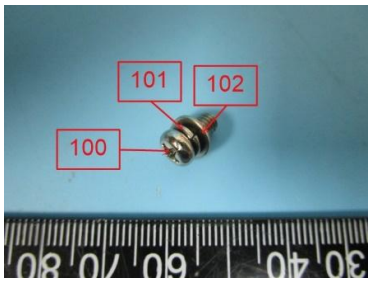
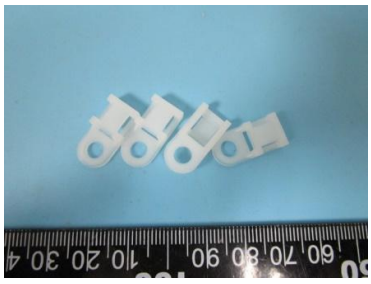
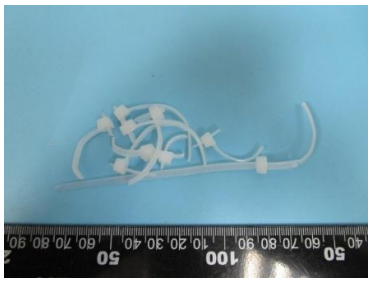
Sample Number	Model No.	Tested Material Description	Photo
044	Pelio-L-5.12	White plastic black printed sticker	
046	Pelio-L-5.12	Black plastic frame	
047		Black plastic white printed button	
048	Pelio-L-5.12	Silvery metal solder	
049		Silvery metal terminal	
050	Pelio-L-5.12	Black plastic pin	
051		Silvery/coppery metal contact	
052		Silvery metal plate	
053		Silvery metal spring	
054	Pelio-L-5.12	Silvery metal part	
055		Silvery metal cover	

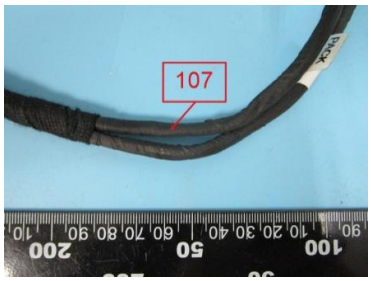
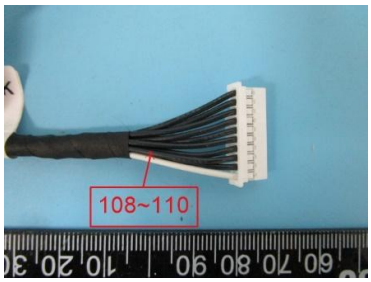
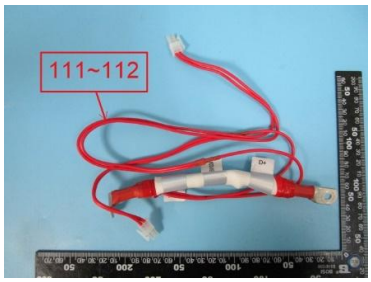
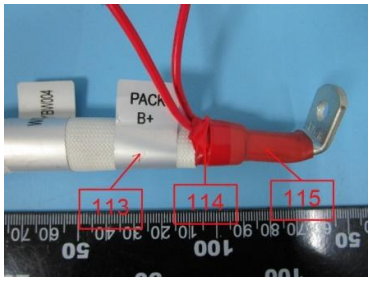
Sample Number	Model No.	Tested Material Description	Photo
056	Pelio-L-5.12	Black plastic part	
057		Grey soft plastic ring	
058	Pelio-L-5.12	Silvery metal plate	
059		Golden metal pin	
060		Black plastic holder	
061		Black glue	
062	Pelio-L-5.12	Silvery metal part	
063		Black plastic holder	
064		Golden metal pin	
065	Pelio-L-5.12	Green PCB	
066		Silvery metal solder	
067	Pelio-L-5.12	Silvery metal screw	

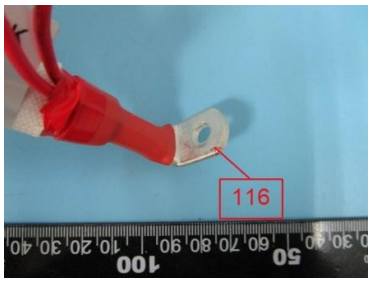
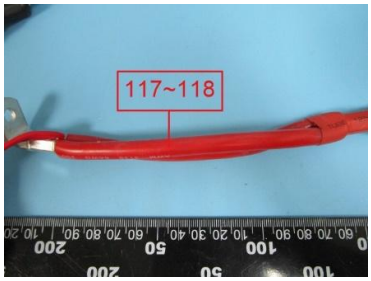
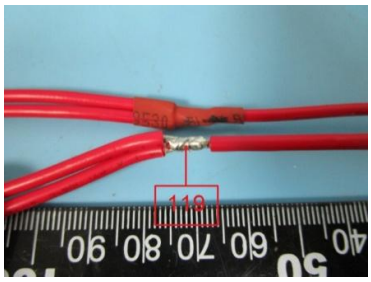
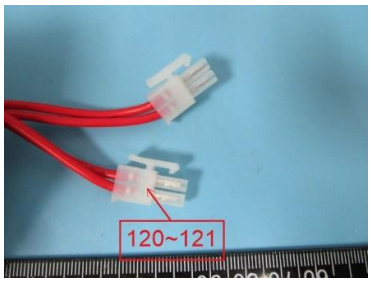
Sample Number	Model No.	Tested Material Description	Photo
068	Pelio-L-5.12	White fiber glass tube	
069	Pelio-L-5.12	Black soft plastic wire jacket (STYLE)	
070		Red soft plastic wire jacket	
071		Brown soft plastic wire jacket	
072		Blue soft plastic wire jacket	
073		Silvery metal wire	
074	Pelio-L-5.12	Black plastic socket	
075		Silvery metal pin	
076	Pelio-L-5.12	Black soft plastic part	
077		Black plastic cover	
078	Pelio-L-5.12	Black plastic part	
079		Silvery metal part (USB)	
080		White plastic holder	
081		Silvery metal pin	
082		Black soft plastic ring	

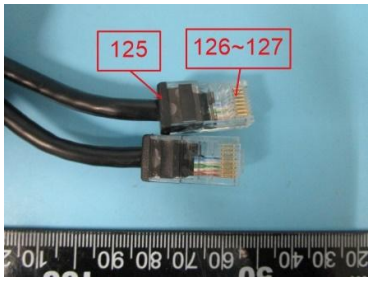
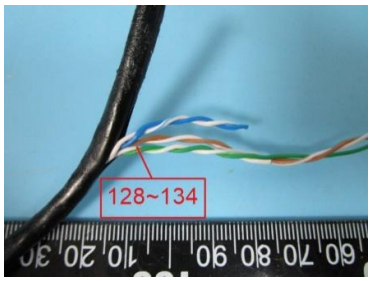
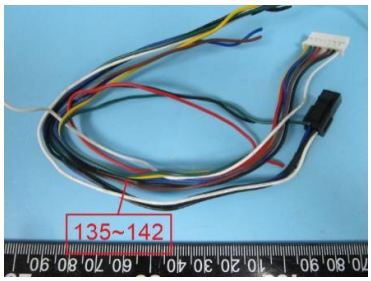
Sample Number	Model No.	Tested Material Description	Photo
083	Pelio-L-5.12	Black plastic base	
084	Pelio-L-5.12	Black plastic base	
085	Pelio-L-5.12	Green PCB	
086		Silvery metal solder	
087	Pelio-L-5.12	Silvery metal screw	
088		Silvery metal ring	
089		Silvery metal washer	
090	Pelio-L-5.12	Silvery metal screw	

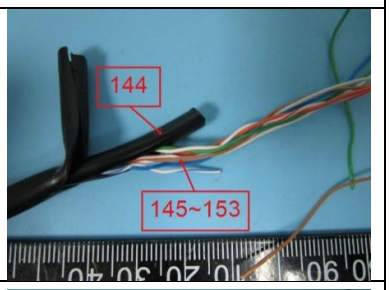
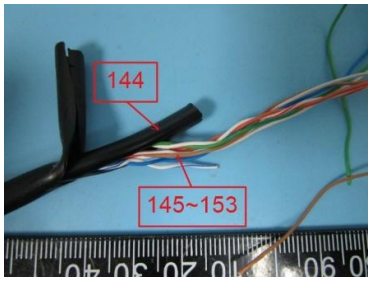
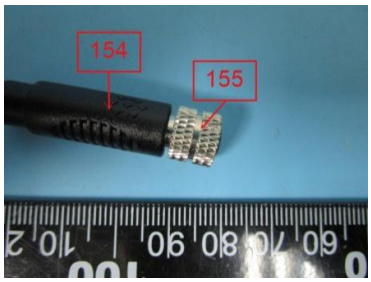
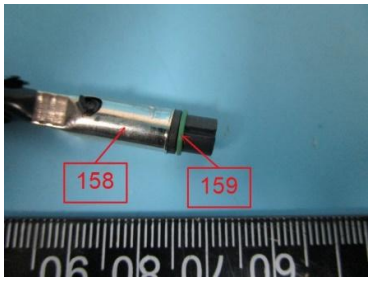
Sample Number	Model No.	Tested Material Description	Photo
091	Pelio-L-5.12	Beige plastic cover	
092		White soft plastic ring	
093	Pelio-L-5.12	White fabric part	
094	Pelio-L-5.12	Grey soft plastic ring	
095	Pelio-L-5.12	Silvery metal plate	
096	Pelio-L-5.12	Blue plated metal screw	
097		Blue plated metal ring	
098		Blue plated metal washer	

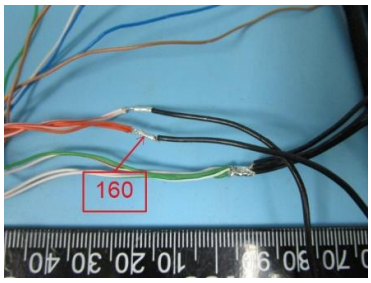
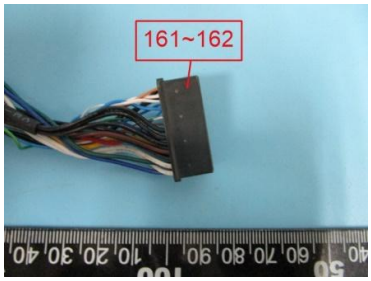
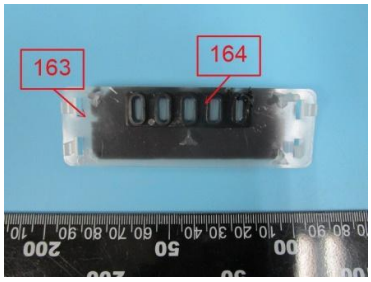
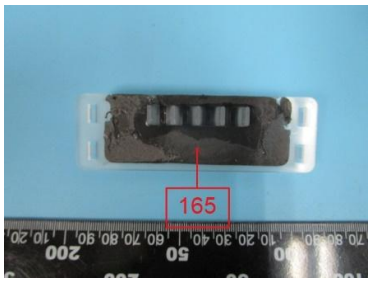
Sample Number	Model No.	Tested Material Description	Photo
099	Pelio-L-5.12	Silvery metal nut	
100	Pelio-L-5.12	Silvery metal screw	
101		Silvery metal ring	
102		Silvery metal washer	
103	Pelio-L-5.12	Blue plated metal screw	
104	Pelio-L-5.12	White plastic buckle	
105	Pelio-L-5.12	White plastic tie	

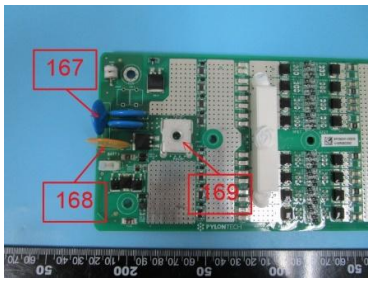
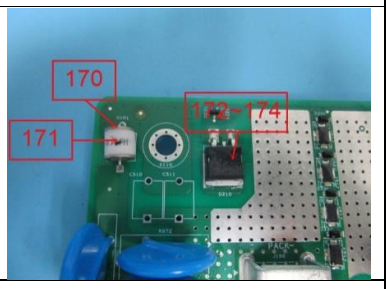
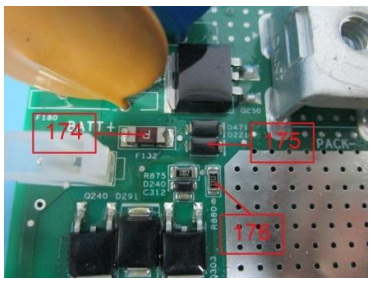
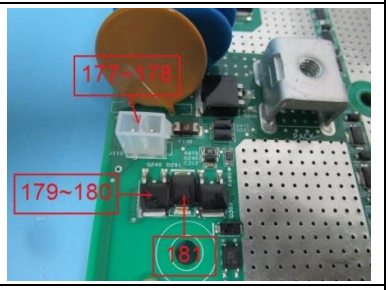
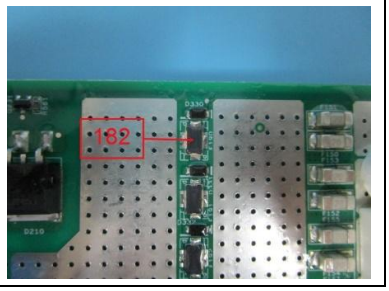
Sample Number	Model No.	Tested Material Description	Photo
106	Pelio-L-5.12	Black adhesive fabric tape	
107	Pelio-L-5.12	Black adhesive plastic tape	
108	Pelio-L-5.12	Black soft plastic wire jacket (JINGFENG-SH)	
109		White soft plastic wire jacket	
110		Silvery metal wire	
111	Pelio-L-5.12	Red soft plastic wire jacket (JINGFENG-SH)	
112		Silvery metal wire	
113	Pelio-L-5.12	Silvery plastic black printed sticker	
114		Red adhesive plastic tape	

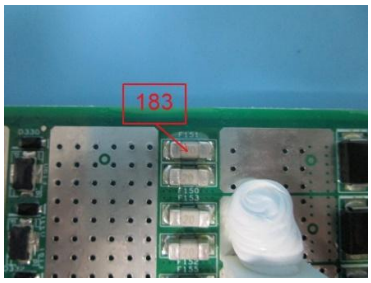
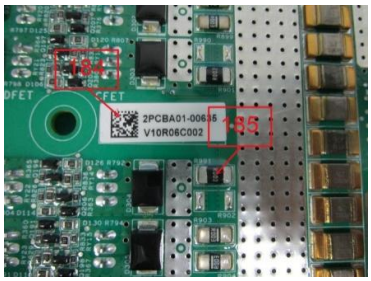
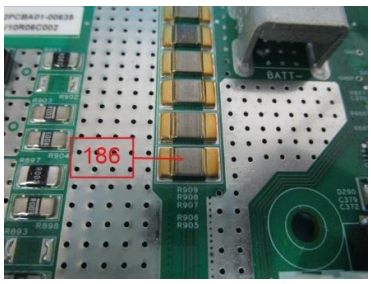
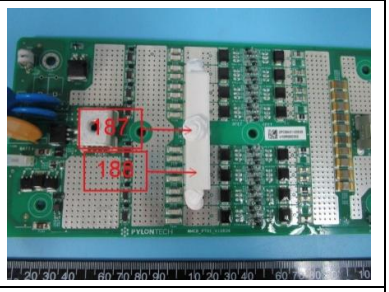
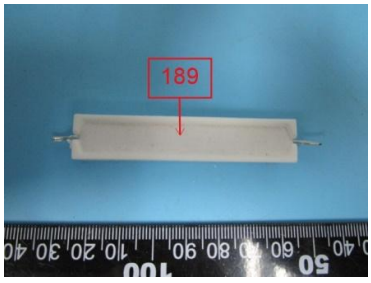
Sample Number	Model No.	Tested Material Description	Photo
116	Pelio-L-5.12	Silvery metal terminal	
118	Pelio-L-5.12	Silvery metal wire	
119	Pelio-L-5.12	Silvery metal solder	
120	Pelio-L-5.12	White plastic socket	
121		Silvery metal pin	
124	Pelio-L-5.12	Black soft plastic cable jacket	

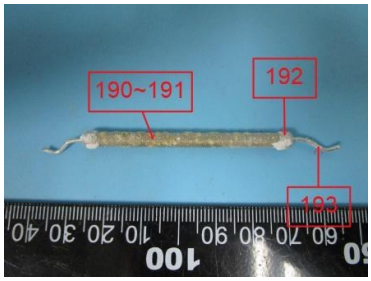
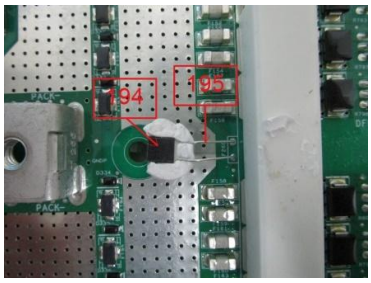
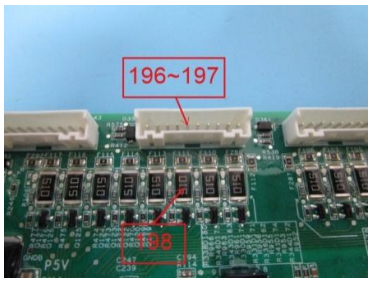
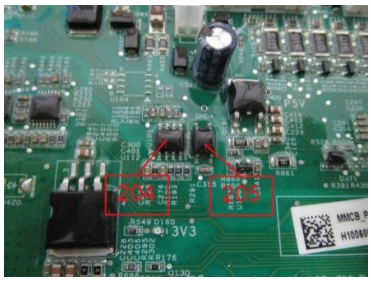
Sample Number	Model No.	Tested Material Description	Photo
125	Pelio-L-5.12	Black plastic part	
126		Transparent plastic socket	
127		Golden metal pin	
128	Pelio-L-5.12	Blue soft plastic wire jacket	
129		White/blue soft plastic wire jacket	
130		Brown soft plastic wire jacket	
131		White/brown soft plastic wire jacket	
132		Green soft plastic wire jacket	
134		Coppery metal wire	
135	Pelio-L-5.12	White soft plastic wire jacket (LONGHUI)	
136		Green soft plastic wire jacket	
137		Red soft plastic wire jacket	
138		Black soft plastic wire jacket	
139		Blue soft plastic wire jacket	
140		Yellow soft plastic wire jacket	
141		Brown soft plastic wire jacket	
142		Coppery metal wire	
143	Pelio-L-5.12	Black soft plastic cable jacket	
144	Pelio-L-5.12	Black soft plastic cable jacket	
145		Blue soft plastic wire jacket	
146		Green soft plastic wire jacket	
147		Brown soft plastic wire jacket	

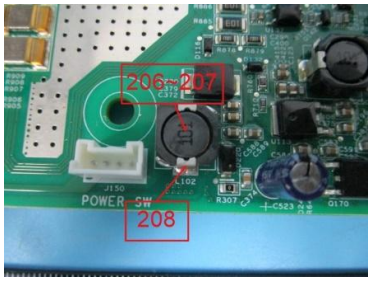
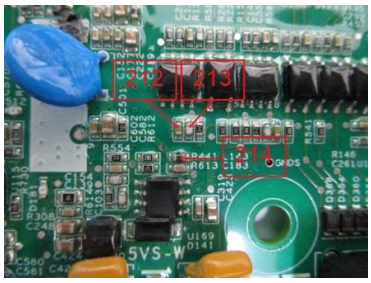
Sample Number	Model No.	Tested Material Description	Photo
148		Orange soft plastic wire jacket	
149	Pelio-L-5.12	White/Blue soft plastic wire jacket	
150		White/Green soft plastic wire jacket	
151		White/Brown soft plastic wire jacket	
152		White/Orange soft plastic wire jacket	
153		White/Coppery metal wire	
154	Pelio-L-5.12	Black soft plastic part	
155		Silvery metal part	
156	Pelio-L-5.12	Black plastic holder	
157		Golden metal pin	
158	Pelio-L-5.12	Silvery metal part	

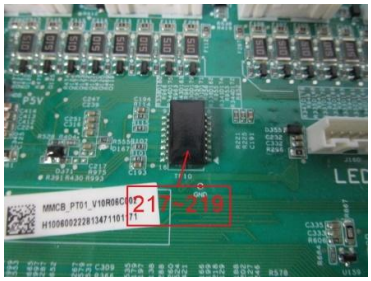
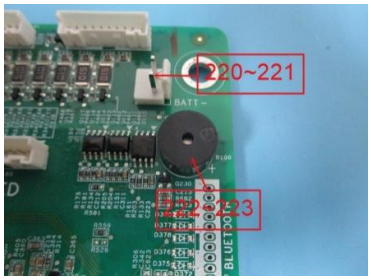
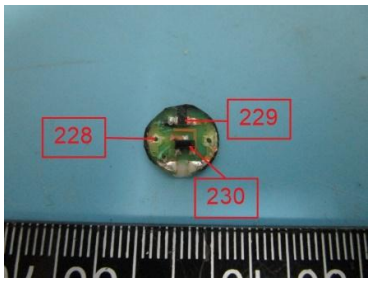
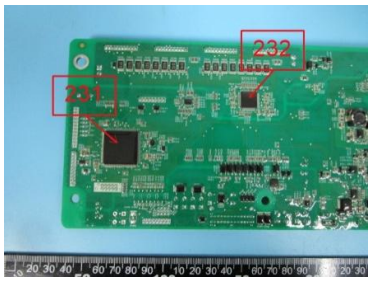
Sample Number	Model No.	Tested Material Description	Photo
160	Pelio-L-5.12	Silvery metal solder	
161	Pelio-L-5.12	Black plastic socket	
162		Silvery metal pin	
163	Pelio-L-5.12	Transparent plastic part	
164		Black plastic part	
165	Pelio-L-5.12	Black adhesive foam	
166	Pelio-L-5.12	Green PCB	

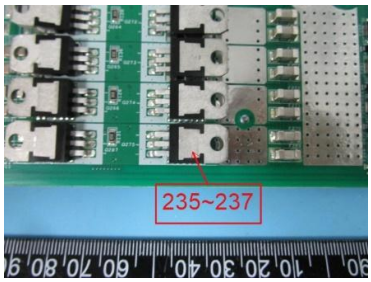
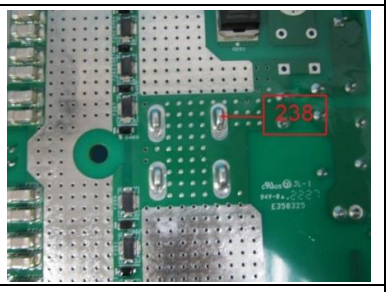
Sample Number	Model No.	Tested Material Description	Photo
167	Pelio-L-5.12	Blue body (Capacitor)	
168		Yellow body (Capacitor)	
169		Silvery metal part	
170	Pelio-L-5.12	Silvery metal cap	
171		White ceramic part	
172		Black body (MOSFET transistor)	
173		Silvery/Coppery metal plate with solder	
174	Pelio-L-5.12	Brown body	
175		Black body	
176		Black printed white body (SMD capacity)	
177	Pelio-L-5.12	White plastic socket	
178		Silvery metal pin	
179		Black body (MOSFET transistor)	
180		Silvery/Coppery metal plate	
181		Black body	
182	Pelio-L-5.12	Black body	

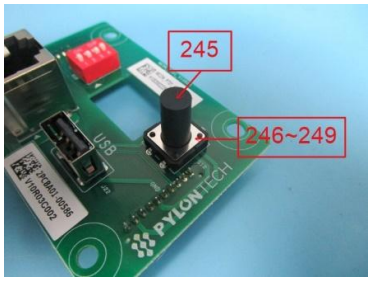
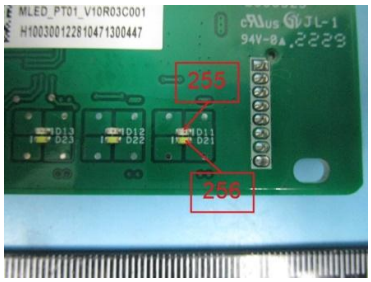
Sample Number	Model No.	Tested Material Description	Photo
183	Pelio-L-5.12	White body	
184	Pelio-L-5.12	White/yellow plastic black printer sticker	
185		Black printed white body (SMD capacity)	
186	Pelio-L-5.12	Silvery metal part	
187	Pelio-L-5.12	White glue	
188		White ceramic shell	
189	Pelio-L-5.12	White power base	

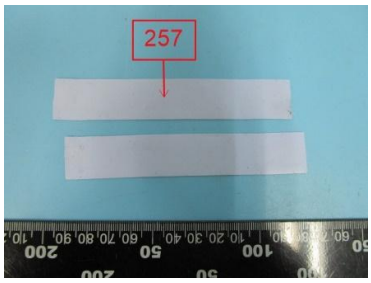
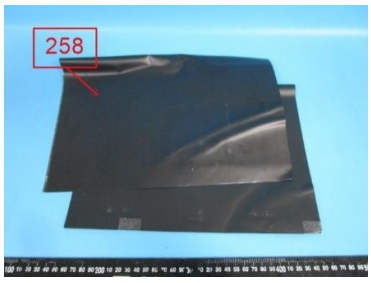
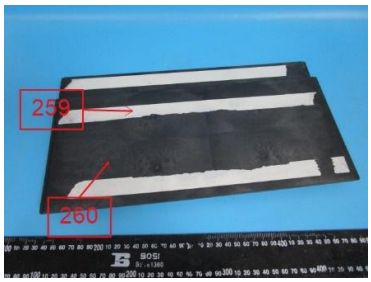
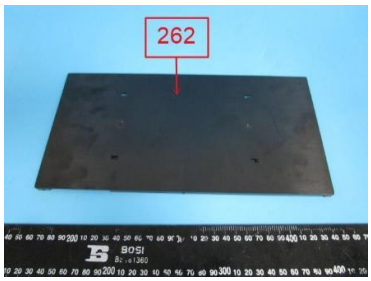
Sample Number	Model No.	Tested Material Description	Photo
190	Pelio-L-5.12	Silvery metal coil	
191		White fiber glass part	
192		Silvery metal cap	
193		Silvery metal pin	
194	Pelio-L-5.12	Black body	
195		Silvery metal pin	
196	Pelio-L-5.12	White plastic port	
197		Silvery metal pin	
198		Black printed white body (SMD capacity)	
199	Pelio-L-5.12	Blue plastic white printed sleeve (Electrolytic capacitor)	
200		Silvery metal shell	
201		Black plastic cap	
202		Brown paper with liquid	
203		Silvery metal foil with pin	
204	Pelio-L-5.12	Black body	
205		Black body	

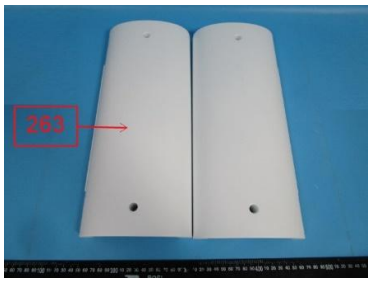
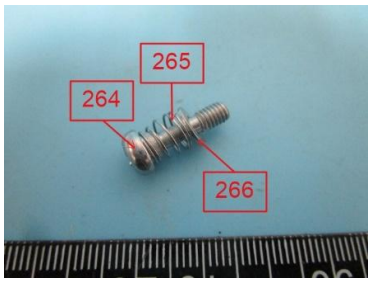
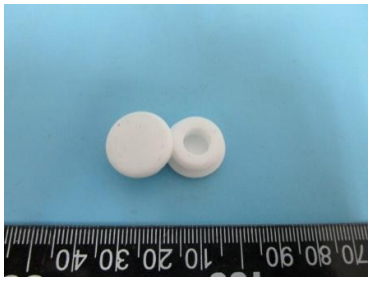
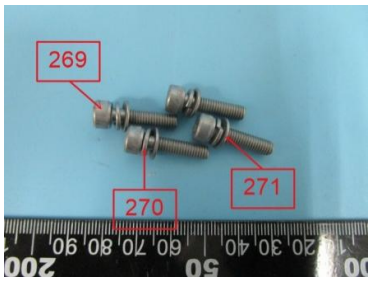
Sample Number	Model No.	Tested Material Description	Photo
206	Pelio-L-5.12	Black magnet	
207		Coppery metal coil	
208		Silvery metal pin	
209	Pelio-L-5.12	Black plastic shell	
210		Green PCB with electronic components	
211	Pelio-L-5.12	Yellow body (Capacitor)	
212	Pelio-L-5.12	Brown/silvery body (SMD resistor)	
213		White/silvery body (SMD resistor)	
214		Black/silvery body (SMD resistor)	
215	Pelio-L-5.12	Black plastic port	
216		Golden metal pin	

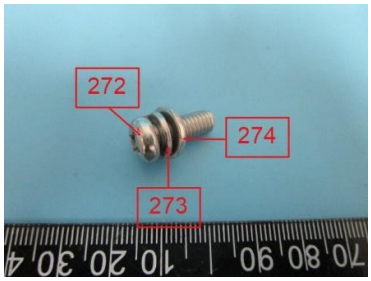
Sample Number	Model No.	Tested Material Description	Photo
217	Pelio-L-5.12	Black plastic shell	
218		Black magnet inner	
219		Red/green/coppery metal coil inner	
220	Pelio-L-5.12	White plastic port	
221		Silvery metal pin	
222		Black plastic shell	
223		Black plastic base	
224	Pelio-L-5.12	Black magnet	
225		Coppery metal coil	
226		Silvery metal part	
227		Silvery metal plate	
228	Pelio-L-5.12	Green PCB	
229		Black/silvery body (SMD resistor)	
230		Black body	
231	Pelio-L-5.12	Black body	
232		Black body	

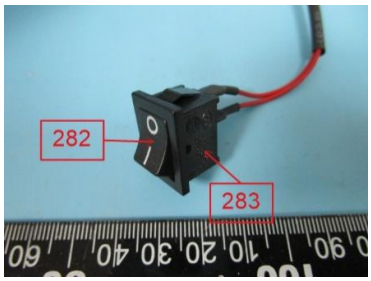
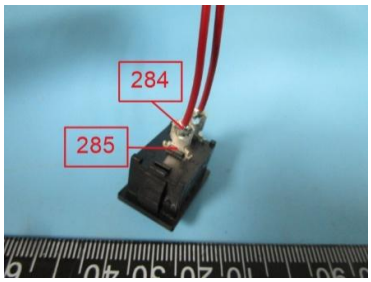
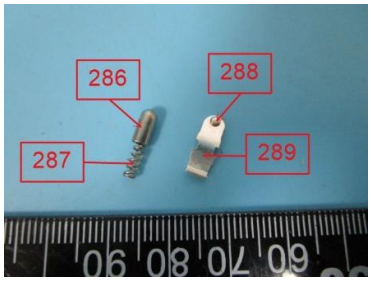
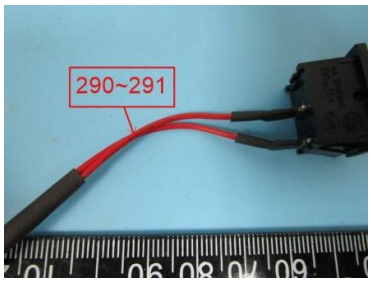
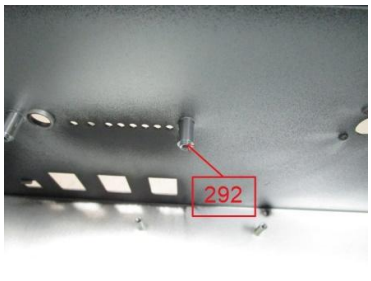
Sample Number	Model No.	Tested Material Description	Photo
233	Pelio-L-5.12	Black body	
234	Pelio-L-5.12	Silvery metal body	
235	Pelio-L-5.12	Black body (MOSFET transistor)	
236		Silvery/Coppery metal plate with solder	
237		Silvery metal pin	
238	Pelio-L-5.12	Silvery metal solder	
239	Pelio-L-5.12	Silvery metal shell	
240		Black plastic holder	
241		Silvery metal pin	

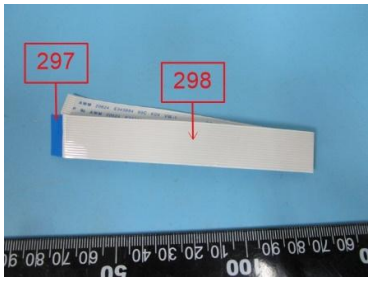
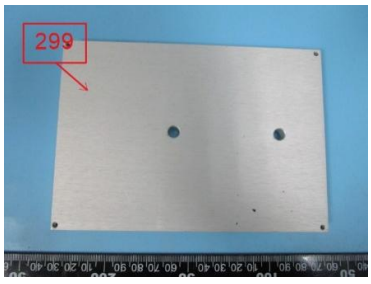
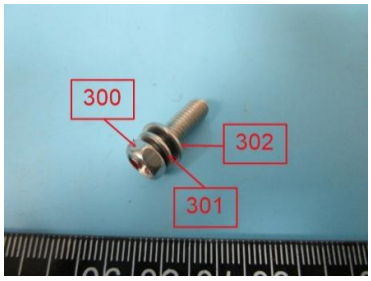
Sample Number	Model No.	Tested Material Description	Photo
242	Pelio-L-5.12	Silvery metal part (USB)	
243		Black plastic holder	
244		Silvery metal pin	
245		Black plastic button (Switch)	
246		Silvery metal plate	
247		Black plastic case	
248		Silvery metal pin	
249		Silvery/coppery metal foil inner	
250		Red plastic shell	
251		White plastic button	
252		Black plastic base	
253		Golden metal pin	
254	Pelio-L-5.12	Black body	
255	Pelio-L-5.12	Transparent LED	
256		Yellow LED	

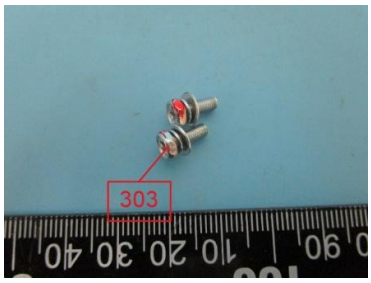
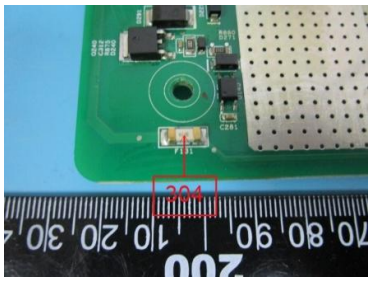
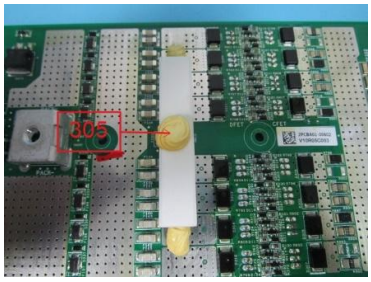
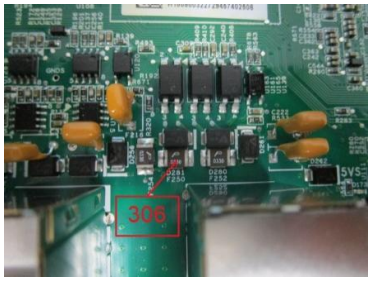
Sample Number	Model No.	Tested Material Description	Photo
257	Pelio-L-5.12	Blue soft plastic part	
258	Pelio-L-5.12	Black plastic sheet	
259	Pelio-L-5.12	White adhesive plastic tape	
260		Black plastic part	
261	Pelio-L-5.12	Black adhesive foam	
262	Pelio-L-5.12	Black plastic part	

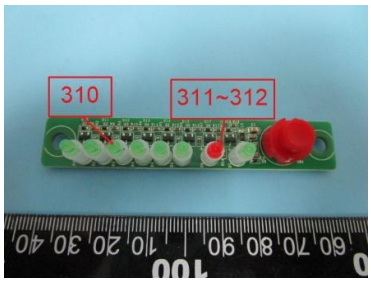
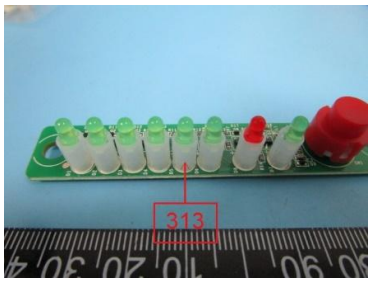
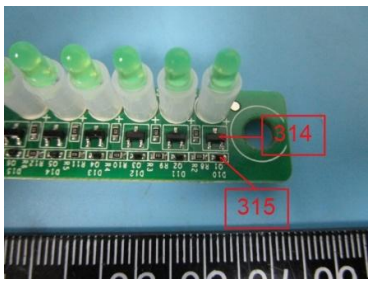
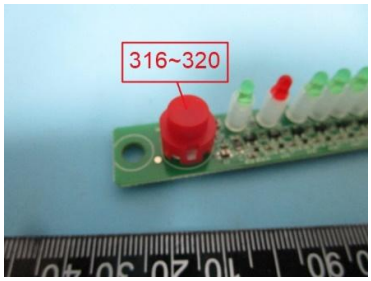
Sample Number	Model No.	Tested Material Description	Photo
263	Pelio-L-5.12	White plastic part	
264	Pelio-L-5.12	Silvery metal screw	
265		Silvery metal spring	
266		Silvery metal washer	
267	Pelio-L-5.12	Black plastic part	
268	Pelio-L-5.12	White soft plastic part	
269	Pelio-L-5.12	Silvery metal screw	
270		Silvery metal ring	
271		Silvery metal washer	

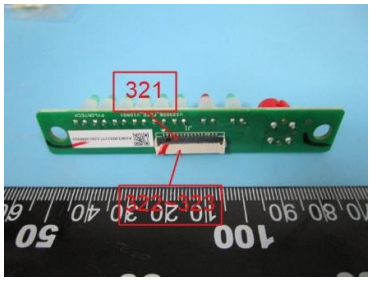
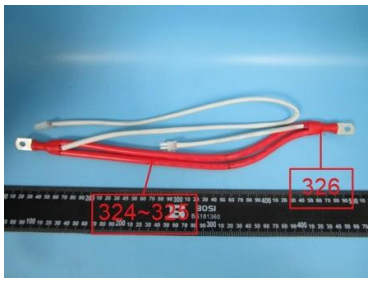
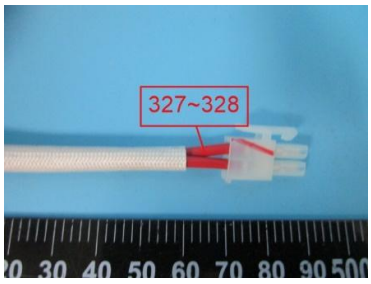
Sample Number	Model No.	Tested Material Description	Photo
272	Pelio-L-5.12	Silvery metal screw	
273		Silvery metal ring	
274		Silvery metal washer	
275	Pelio-L-5.12	Black glue	
276		White glue	
277	US5000	Black coating on part	
278		Silvery metal substrate part	
279		Black plated metal screw	
280	US5000	Silvery metal handle	
281	US5000	Transparent soft plastic cover	

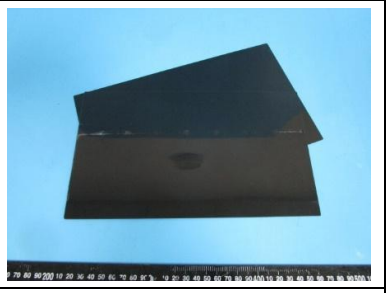
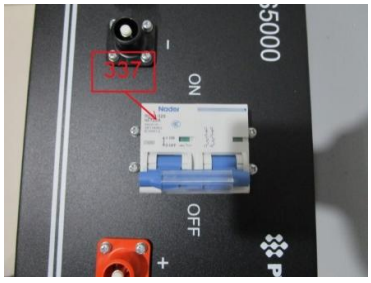
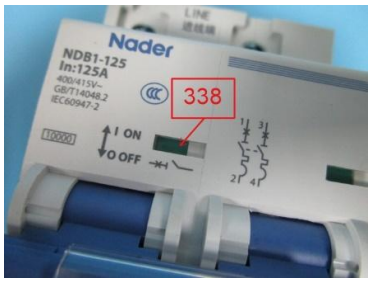
Sample Number	Model No.	Tested Material Description	Photo
282	US5000	Black plastic button	
283		Black plastic shell (HONGJU MR)	
284	US5000	Silvery metal solder	
285		Silvery metal terminal	
286	US5000	Silvery metal pin	
287		Silvery metal spring	
288		Silvery/coppery metal contact	
289		Silvery metal plate	
290	US5000	Red soft plastic wire jacket (WL)	
291		Silvery metal wire	
292	US5000	Blue plated metal part	

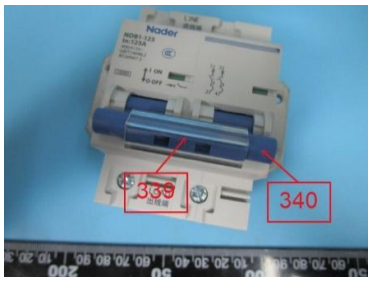
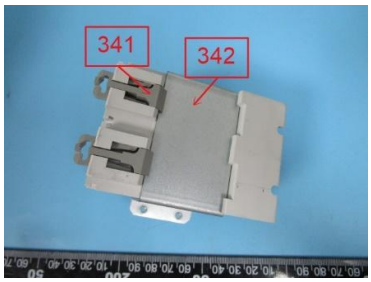
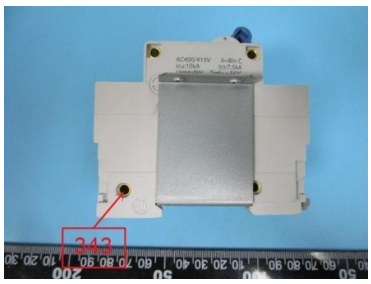
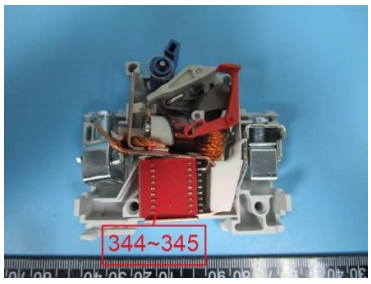
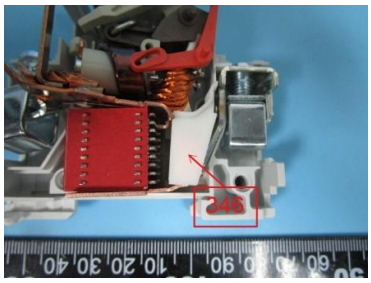
Sample Number	Model No.	Tested Material Description	Photo
293	US5000	Orange plastic part	
294		Black plastic part	
295		White plastic part	
296	US5000	Silvery metal part	
297	US5000	Blue plastic sheet	
298		White plastic blue printed tape	
299	US5000	Silvery metal part	
300	US5000	Silvery metal screw	
301		Silvery metal ring	
302		Silvery metal washer	

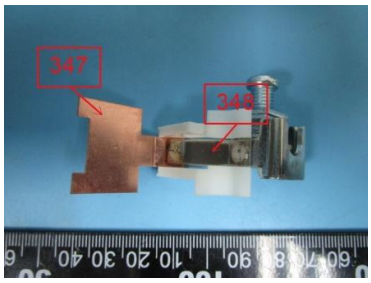
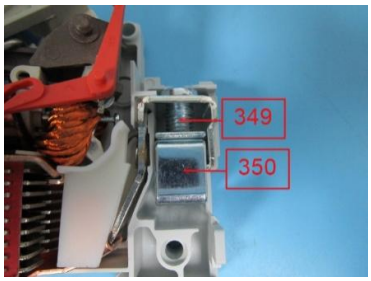
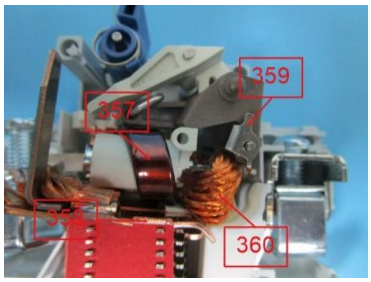
Sample Number	Model No.	Tested Material Description	Photo
303	US5000	Blue plated metal screw	
304	US5000	White body	
305	US5000	White glue yellow printed	
306	US5000	Brown body	
307	US5000	Black plastic white printed sleeve (Electrolytic capacitor)	

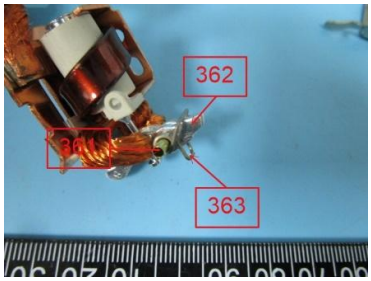
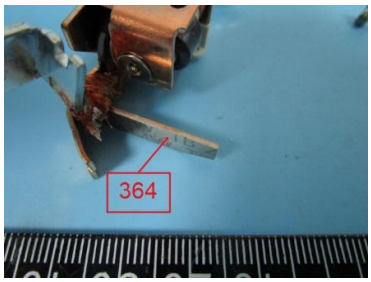
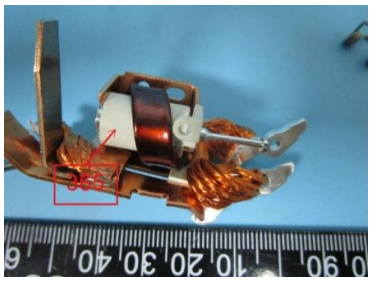
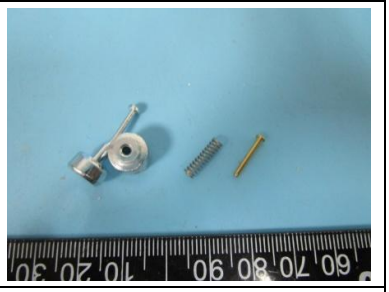
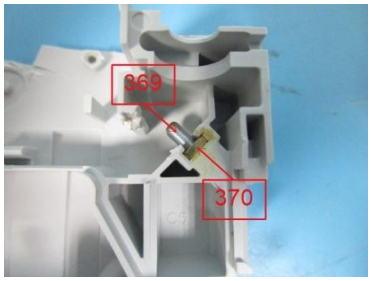
Sample Number	Model No.	Tested Material Description	Photo
308	US5000	Black body	
309		Black body	
310	US5000	Green plastic LED	
311		Red plastic LED	
312		Silvery metal pin	
313	US5000	White plastic tube	
314	US5000	Black body	
315		Black body	
316	US5000	Red plastic button	
317		White plastic shell	
318		Silvery metal plate inner	
319		Silvery metal spring inner	
320		Golden metal pin	

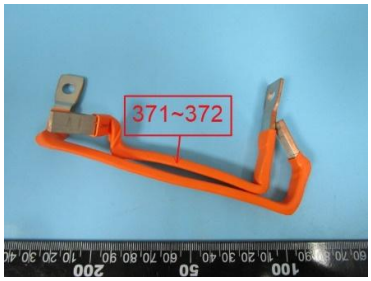
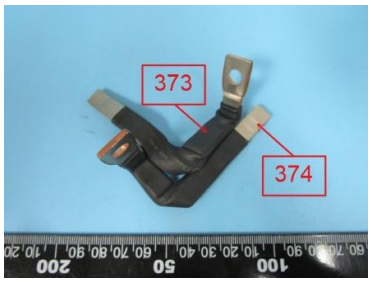
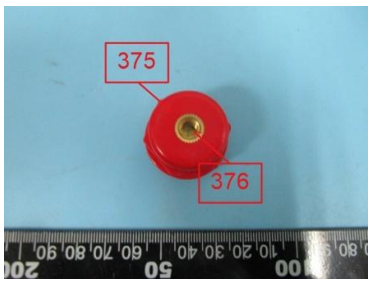
Sample Number	Model No.	Tested Material Description	Photo
321	US5000	Black plastic clip	
322		White plastic port	
323		Golden metal pin	
324	US5000	Red soft plastic wire jacket (WL)	
325		Silvery metal wire	
326		Bright red soft plastic heating shrinkable tube	
327	US5000	Red soft plastic wire jacket (WL)	
328		Silvery metal wire	
329	US5000	Black soft plastic wire jacket (WL)	
330		Black soft plastic wire jacket (STYLE)	
331		Silvery metal wire	
332	US5000	Black soft plastic wire jacket (GUANGDONG HAERKN NEW ENERGY)	
333		Silvery metal wire	

Sample Number	Model No.	Tested Material Description	Photo
334	US5000	Blue adhesive plastic tape	
335	US5000	Black plastic sheet	
336	US5000	Black plastic sheet	
337	US5000-B	White plastic blue/black printed shell	
338	US5000-B	Transparent plastic part	

Sample Number	Model No.	Tested Material Description	Photo
339	US5000-B	Transparent plastic part	
340		Blue plastic button	
341	US5000-B	Grey plastic part	
342		Silvery metal plate	
343	US5000-B	Golden metal rivet	
344	US5000-B	Red paper sheet	
345		Silvery metal plate	
346	US5000-B	White plastic part	

Sample Number	Model No.	Tested Material Description	Photo
347	US5000-B	Coppery metal plate	
348		Silvery metal plate	
349	US5000-B	Blue plated metal screw	
350		Blue plated metal part	
351	US5000-B	Silvery metal spring	
352		Silvery metal axle	
353	US5000-B	White plastic part	
354		Silvery metal part	
355		Brown plastic part	
356		Red plastic green printed part	
357	US5000-B	Coppery metal plate	
358		Coppery metal plate	
359		Silvery metal plate	
360		Coppery metal thread	

Sample Number	Model No.	Tested Material Description	Photo
361	US5000-B	Golden metal tube	
362		Silvery metal spring	
363		Silvery metal part	
364	US5000-B	Silvery metal plate	
365	US5000-B	White plastic shell	
366	US5000-B	Blue plated metal part	
367		Silvery metal spring	
368		Golden metal pin	
369	US5000-B	Blue plated metal screw	
370		Golden metal part	

Sample Number	Model No.	Tested Material Description	Photo
371	US5000-B	Orange soft plastic heating shrinkable tube	
372		Coppery metal plate	
373	US5000-B	Black soft plastic heating shrinkable tube	
374		Silvery metal plate	
375	US5000-B	Red plastic part	
376		Golden metal part	

2. TEST RESULTS

2.1. SCREENING TEST

Test method: With reference to EN 62321-1:2013, EN IEC 62321-2:2021, EN 62321-3-1:2014 and EN 62321-8:2017. For Heavy Metals and Flame Retardants, analyzed by Energy Dispersive X-ray Fluorescence Spectrometers (XRF); for phthalates, analyzed by Gas Chromatography and Mass Spectrometry (GC-MS).

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
001	BL	BL	BL	OL[(a)]	NA	NA	NA	NA	NA
002	BL	BL	BL	BL	BL	BL	BL	BL	BL
003	BL	BL	BL	BL	NA	NA	NA	NA	NA
004	BL	BL	BL	BL	BL	BL	BL	BL	BL
005	BL	BL	BL	BL	BL	BL	BL	BL	BL
006	BL	BL	BL	BL	BL	BL	BL	BL	BL
007	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
008	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
009	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
010	BL	BL	BL	BL	BL	BL	BL	BL	BL
011	BL	BL	BL	BL	BL	BL	BL	BL	BL
012	BL	BL	BL	BL	Inc.[(a)]	BL	BL	BL	BL
013	BL	BL	BL	BL	NA	NA	NA	NA	NA
014	BL	BL	BL	BL	BL	BL	BL	BL	BL
015	BL	BL	BL	BL	NA	NA	NA	NA	NA
016	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
017	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
018	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
019	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
020	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
021	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
022	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
023	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
024	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
025	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
026	BL	Inc.[(a)]	BL	BL	NA	NA	NA	NA	NA
027	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
028	BL	BL	BL	BL	BL	BL	BL	BL	BL
029	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
030	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
031	BL	BL	BL	BL	NA	NA	NA	NA	NA
032	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
033	BL	BL	BL	BL	BL	BL	BL	BL	BL
034	BL	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA
035	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
036	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
037	BL	BL	BL	BL	BL	BL	BL	BL	BL
038	BL	BL	BL	BL	BL	BL	BL	BL	BL
040	BL	BL	BL	BL	BL	BL	BL	BL	BL
041	BL	BL	BL	BL	NA	NA	NA	NA	NA
042	BL	BL	BL	BL	BL	BL	BL	BL	BL
043	BL	BL	BL	BL	NA	NA	NA	NA	NA
044	BL	BL	BL	BL	BL	BL	BL	BL	BL
046	BL	BL	BL	BL	BL	BL	BL	BL	BL
047	BL	BL	BL	BL	BL	BL	BL	BL	BL
048	BL	BL	BL	BL	NA	NA	NA	NA	NA
049	BL	BL	BL	BL	NA	NA	NA	NA	NA
050	BL	BL	BL	BL	BL	BL	BL	BL	BL
051	BL	BL	BL	BL	NA	NA	NA	NA	NA
052	BL	BL	BL	BL	NA	NA	NA	NA	NA
053	BL	BL	BL	BL	NA	NA	NA	NA	NA
054	BL	BL	BL	BL	NA	NA	NA	NA	NA
055	BL	BL	BL	BL	NA	NA	NA	NA	NA
056	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
057	BL	BL	BL	BL	BL	BL	BL	BL	BL
058	**Inc.**[(a)]	BL	BL	BL	NA	NA	NA	NA	NA
059	BL	BL	BL	BL	NA	NA	NA	NA	NA
060	BL	BL	BL	BL	BL	BL	BL	BL	BL
061	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
062	BL	BL	BL	BL	NA	NA	NA	NA	NA
063	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
064	BL	BL	BL	BL	NA	NA	NA	NA	NA
065	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
066	Inc.[a]	BL	BL	BL	NA	NA	NA	NA	NA
067	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
068	BL	BL	BL	BL	BL	BL	BL	BL	BL
069	BL	BL	BL	BL	BL	BL	BL	BL	BL
070	BL	BL	BL	BL	BL	BL	BL	BL	BL
071	BL	BL	BL	BL	BL	BL	BL	BL	BL
072	BL	BL	BL	BL	BL	BL	BL	BL	BL
073	BL	BL	BL	BL	NA	NA	NA	NA	NA
074	BL	BL	BL	BL	BL	BL	BL	BL	BL
075	BL	BL	BL	BL	NA	NA	NA	NA	NA
076	BL	BL	BL	BL	BL	BL	BL	BL	BL
077	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
078	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
079	BL	BL	BL	BL	NA	NA	NA	NA	NA
080	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
081	BL	BL	BL	BL	NA	NA	NA	NA	NA
082	BL	BL	BL	BL	BL	BL	BL	BL	BL
083	BL	BL	BL	BL	BL	BL	BL	BL	BL
084	BL	BL	BL	BL	BL	BL	BL	BL	BL
085	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
086	BL	BL	BL	BL	NA	NA	NA	NA	NA
087	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
088	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
089	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
090	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
091	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
092	BL	BL	BL	BL	BL	BL	BL	BL	BL
093	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
094	BL	BL	BL	BL	BL	BL	BL	BL	BL
095	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
096	BL	BL	BL	BL	NA	NA	NA	NA	NA
097	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
098	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
099	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
100	BL	BL	BL	BL	NA	NA	NA	NA	NA
101	BL	BL	BL	BL	NA	NA	NA	NA	NA
102	BL	BL	BL	BL	NA	NA	NA	NA	NA
103	BL	BL	BL	BL	NA	NA	NA	NA	NA
104	BL	BL	BL	BL	BL	BL	BL	BL	BL
105	BL	BL	BL	BL	BL	BL	BL	BL	BL
106	BL	BL	BL	BL	BL	BL	BL	BL	BL
107	BL	BL	BL	BL	BL	BL	BL	BL	BL
108	BL	BL	BL	BL	BL	BL	BL	BL	BL
109	BL	BL	BL	BL	BL	BL	BL	BL	BL
110	BL	BL	BL	BL	NA	NA	NA	NA	NA
111	BL	BL	BL	BL	BL	BL	BL	BL	BL
112	BL	BL	BL	BL	NA	NA	NA	NA	NA
113	BL	BL	BL	BL	BL	BL	BL	BL	BL
114	BL	BL	BL	BL	BL	BL	BL	BL	BL
116	BL	BL	BL	BL	NA	NA	NA	NA	NA
118	BL	BL	BL	BL	NA	NA	NA	NA	NA
119	BL	BL	BL	BL	NA	NA	NA	NA	NA
120	BL	BL	BL	BL	BL	BL	BL	BL	BL
121	BL	BL	BL	BL	NA	NA	NA	NA	NA
124	BL	BL	BL	BL	BL	BL	BL	BL	BL
125	BL	BL	BL	BL	BL	BL	BL	BL	BL
126	BL	BL	BL	BL	BL	BL	BL	BL	BL
127	BL	BL	BL	BL	NA	NA	NA	NA	NA
128	BL	BL	BL	BL	BL	BL	BL	BL	BL
129	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
130	BL	BL	BL	BL	BL	BL	BL	BL	BL
131	BL	BL	BL	BL	BL	BL	BL	BL	BL
132	BL	BL	BL	BL	BL	BL	BL	BL	BL
134	BL	BL	BL	BL	NA	NA	NA	NA	NA
135	BL	BL	BL	BL	BL	BL	BL	BL	BL
136	BL	BL	BL	BL	BL	BL	BL	BL	BL
137	BL	BL	BL	BL	BL	BL	BL	BL	BL
138	BL	BL	BL	BL	BL	BL	BL	BL	BL
139	BL	BL	BL	BL	BL	BL	BL	BL	BL
140	BL	BL	BL	BL	BL	BL	BL	BL	BL
141	BL	BL	BL	BL	BL	BL	BL	BL	BL
142	BL	BL	BL	BL	NA	NA	NA	NA	NA
143	BL	BL	BL	BL	BL	BL	BL	BL	BL
144	BL	BL	BL	BL	BL	BL	BL	BL	BL
145	BL	BL	BL	BL	BL	BL	BL	BL	BL
146	BL	BL	BL	BL	BL	BL	BL	BL	BL
147	BL	BL	BL	BL	BL	BL	BL	BL	BL
148	BL	BL	BL	BL	BL	BL	BL	BL	BL
149	BL	BL	BL	BL	BL	BL	BL	BL	BL
150	BL	BL	BL	BL	BL	BL	BL	BL	BL
151	BL	BL	BL	BL	BL	BL	BL	BL	BL
152	BL	BL	BL	BL	BL	BL	BL	BL	BL
153	BL	BL	BL	BL	NA	NA	NA	NA	NA
154	BL	BL	BL	BL	BL	BL	BL	BL	BL
155	BL	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA
156	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
157	BL	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA
158	BL	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA
160	**Inc.**[(a)]	BL	BL	BL	NA	NA	NA	NA	NA
161	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
162	BL	BL	BL	BL	NA	NA	NA	NA	NA
163	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
164	BL	BL	BL	BL	BL	BL	BL	BL	BL
165	BL	BL	BL	BL	BL	BL	BL	BL	BL
166	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
167	BL	BL	BL	BL	BL	BL	BL	BL	BL
168	BL	BL	BL	BL	BL	BL	BL	BL	BL
169	BL	BL	BL	BL	NA	NA	NA	NA	NA
170	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
171	BL	BL	BL	BL	BL	BL	BL	BL	BL
172	BL	BL	BL	BL	BL	BL	BL	BL	BL
173	**Inc.**[(a)]	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA
174	BL	BL	BL	BL	BL	BL	BL	BL	BL
175	BL	BL	BL	BL	BL	BL	BL	BL	BL
176	BL	BL	BL	**OL**[(a)]	BL	BL	BL	BL	BL
177	BL	BL	BL	BL	BL	BL	BL	BL	BL
178	BL	BL	BL	BL	NA	NA	NA	NA	NA
179	BL	BL	BL	BL	BL	BL	BL	BL	BL
180	**Inc.**[(a)]	BL	BL	**OL**[(a)]	NA	NA	NA	NA	NA
181	BL	BL	BL	**OL**[(a)]	BL	BL	BL	BL	BL
182	BL	BL	BL	**OL**[(a)]	BL	BL	BL	BL	BL
183	BL	BL	BL	BL	BL	BL	BL	BL	BL
184	BL	BL	BL	BL	BL	BL	BL	BL	BL
185	BL	BL	BL	BL	BL	BL	BL	BL	BL
186	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
187	BL	BL	BL	BL	BL	BL	BL	BL	BL
188	BL	BL	BL	BL	BL	BL	BL	BL	BL
189	BL	BL	BL	BL	BL	BL	BL	BL	BL
190	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
191	BL	BL	BL	BL	BL	BL	BL	BL	BL
192	BL	BL	BL	BL	NA	NA	NA	NA	NA
193	BL	BL	BL	BL	NA	NA	NA	NA	NA
194	BL	BL	BL	BL	BL	BL	BL	BL	BL
195	BL	BL	BL	BL	NA	NA	NA	NA	NA

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
196	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
197	BL	BL	BL	BL	NA	NA	NA	NA	NA
198	BL	BL	BL	OL[a]	BL	BL	BL	BL	BL
199	BL	BL	BL	BL	BL	BL	BL	BL	BL
200	BL	BL	BL	BL	NA	NA	NA	NA	NA
201	BL	BL	BL	BL	BL	BL	BL	BL	BL
202	BL	BL	BL	BL	BL	BL	BL	BL	BL
203	BL	BL	BL	BL	NA	NA	NA	NA	NA
204	BL	BL	BL	BL	BL	BL	BL	BL	BL
205	BL	BL	BL	BL	BL	BL	BL	BL	BL
206	BL	BL	BL	BL	BL	BL	BL	BL	BL
207	BL	BL	BL	BL	NA	NA	NA	NA	NA
208	BL	BL	BL	BL	NA	NA	NA	NA	NA
209	BL	BL	BL	BL	BL	BL	BL	BL	BL
210	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
211	BL	BL	BL	BL	BL	BL	BL	BL	BL
212	Inc.[a]	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
213	Inc.[a]	BL	BL	BL	BL	BL	BL	BL	BL
214	Inc.[a]	BL	BL	BL	BL	BL	BL	BL	BL
215	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
216	BL	BL	BL	BL	NA	NA	NA	NA	NA
217	BL	BL	BL	BL	BL	BL	BL	BL	BL
218	BL	BL	BL	BL	BL	BL	BL	BL	BL
219	BL	BL	BL	BL	NA	NA	NA	NA	NA
220	BL	BL	BL	BL	BL	BL	BL	BL	BL
221	BL	BL	BL	BL	NA	NA	NA	NA	NA
222	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
223	BL	BL	BL	BL	BL	BL	BL	BL	BL
224	BL	BL	BL	BL	BL	BL	BL	BL	BL
225	BL	BL	BL	BL	NA	NA	NA	NA	NA
226	BL	BL	BL	BL	NA	NA	NA	NA	NA
227	BL	BL	BL	BL	NA	NA	NA	NA	NA

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
228	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL
229	BL	**Inc.[(a)]**	BL	BL	BL	BL	BL	BL	BL
230	BL	BL	BL	BL	BL	BL	BL	BL	BL
231	BL	BL	BL	BL	BL	BL	BL	BL	BL
232	BL	BL	BL	BL	BL	BL	BL	BL	BL
233	BL	BL	BL	BL	BL	BL	BL	BL	BL
234	BL	BL	BL	BL	NA	NA	NA	NA	NA
235	BL	BL	BL	BL	BL	BL	BL	BL	BL
236	**Inc.[(a)]**	BL	BL	**OL[(a)]**	NA	NA	NA	NA	NA
237	BL	BL	BL	BL	NA	NA	NA	NA	NA
238	**Inc.[(a)]**	BL	BL	BL	NA	NA	NA	NA	NA
239	BL	BL	BL	BL	NA	NA	NA	NA	NA
240	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL
241	**Inc.[(a)]**	BL	BL	BL	NA	NA	NA	NA	NA
242	BL	**Inc.[(a)]**	BL	BL	NA	NA	NA	NA	NA
243	BL	BL	BL	BL	BL	BL	BL	BL	BL
244	BL	BL	BL	BL	NA	NA	NA	NA	NA
245	BL	BL	BL	BL	BL	BL	BL	BL	BL
246	BL	BL	BL	BL	NA	NA	NA	NA	NA
247	BL	BL	BL	BL	BL	BL	BL	BL	BL
248	BL	BL	BL	BL	NA	NA	NA	NA	NA
249	BL	BL	BL	BL	NA	NA	NA	NA	NA
250	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL
251	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL
252	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL
253	BL	BL	BL	BL	NA	NA	NA	NA	NA
254	BL	BL	BL	BL	BL	BL	BL	BL	BL
255	BL	BL	BL	BL	BL	BL	BL	BL	BL
256	BL	BL	BL	BL	BL	BL	BL	BL	BL
257	BL	BL	BL	BL	BL	BL	BL	BL	BL
258	BL	BL	BL	BL	BL	BL	BL	BL	BL
259	BL	BL	BL	BL	**Inc.[(a)]**	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
260	BL	BL	BL	BL	BL	BL	BL	BL	BL
261	BL	BL	BL	BL	BL	BL	BL	BL	BL
262	BL	BL	BL	BL	BL	BL	BL	BL	BL
263	BL	BL	BL	BL	BL	BL	BL	BL	BL
264	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
265	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
266	BL	BL	BL	BL	NA	NA	NA	NA	NA
267	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
268	BL	BL	BL	BL	BL	BL	BL	BL	BL
269	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
270	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
271	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
272	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
273	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
274	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
275	BL	BL	BL	BL	BL	BL	BL	BL	BL
276	BL	BL	BL	BL	BL	BL	BL	BL	BL
277	BL	BL	BL	BL	BL	BL	BL	BL	BL
278	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
279	BL	BL	BL	BL	NA	NA	NA	NA	NA
280	BL	BL	BL	BL	NA	NA	NA	NA	NA
281	BL	BL	BL	BL	BL	BL	BL	BL	BL
282	BL	BL	BL	BL	BL	BL	BL	BL	BL
283	BL	BL	BL	BL	BL	BL	BL	BL	BL
284	BL	BL	BL	BL	NA	NA	NA	NA	NA
285	BL	BL	BL	BL	NA	NA	NA	NA	NA
286	BL	BL	BL	BL	NA	NA	NA	NA	NA
287	BL	BL	BL	BL	NA	NA	NA	NA	NA
288	BL	BL	BL	BL	NA	NA	NA	NA	NA
289	BL	BL	BL	BL	NA	NA	NA	NA	NA
290	BL	BL	BL	BL	BL	BL	BL	BL	BL
291	BL	BL	BL	BL	NA	NA	NA	NA	NA

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
292	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
293	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
294	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
295	BL	BL	BL	BL	BL	BL	BL	BL	BL
296	BL	BL	BL	BL	NA	NA	NA	NA	NA
297	BL	BL	BL	BL	BL	BL	BL	BL	BL
298	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
299	BL	BL	BL	BL	NA	NA	NA	NA	NA
300	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
301	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
302	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
303	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
304	BL	BL	BL	BL	BL	BL	BL	BL	BL
305	BL	BL	BL	BL	BL	BL	BL	BL	BL
306	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
307	BL	BL	BL	BL	BL	BL	BL	BL	BL
308	BL	BL	BL	BL	BL	BL	BL	BL	BL
309	BL	BL	BL	BL	BL	BL	BL	BL	BL
310	BL	BL	BL	BL	Inc.[a]	BL	BL	BL	BL
311	BL	BL	BL	BL	BL	BL	BL	BL	BL
312	BL	BL	BL	BL	NA	NA	NA	NA	NA
313	BL	BL	BL	BL	BL	BL	BL	BL	BL
314	BL	BL	BL	BL	BL	BL	BL	BL	BL
315	BL	BL	BL	BL	BL	BL	BL	BL	BL
316	BL	BL	BL	BL	BL	BL	BL	BL	BL
317	BL	BL	BL	BL	BL	BL	BL	BL	BL
318	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
319	BL	Inc.[a]	BL	BL	NA	NA	NA	NA	NA
320	BL	BL	BL	BL	NA	NA	NA	NA	NA
321	BL	BL	BL	BL	BL	BL	BL	BL	BL
322	BL	BL	BL	BL	BL	BL	BL	BL	BL
323	BL	BL	BL	BL	NA	NA	NA	NA	NA

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
324	BL	BL	BL	BL	BL	BL	BL	BL	BL
325	BL	BL	BL	BL	NA	NA	NA	NA	NA
326	BL	BL	BL	BL	BL	BL	BL	BL	BL
327	BL	BL	BL	BL	BL	BL	BL	BL	BL
328	BL	BL	BL	BL	NA	NA	NA	NA	NA
329	BL	BL	BL	BL	BL	BL	BL	BL	BL
330	BL	BL	BL	BL	BL	BL	BL	BL	BL
331	BL	BL	BL	BL	NA	NA	NA	NA	NA
332	BL	BL	BL	BL	BL	BL	BL	BL	BL
333	BL	BL	BL	BL	NA	NA	NA	NA	NA
334	BL	BL	BL	BL	BL	BL	BL	BL	BL
335	BL	BL	BL	BL	BL	BL	BL	BL	BL
336	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
337	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
338	BL	BL	BL	BL	BL	BL	BL	BL	BL
339	BL	BL	BL	BL	BL	BL	BL	BL	BL
340	BL	BL	BL	BL	BL	BL	BL	BL	BL
341	BL	BL	BL	BL	BL	BL	BL	BL	BL
342	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
343	BL	BL	BL	BL	NA	NA	NA	NA	NA
344	BL	BL	BL	BL	BL	BL	BL	BL	BL
345	BL	BL	BL	BL	NA	NA	NA	NA	NA
346	BL	BL	BL	BL	BL	BL	BL	BL	BL
347	BL	BL	BL	BL	NA	NA	NA	NA	NA
348	BL	BL	BL	BL	NA	NA	NA	NA	NA
349	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
350	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
351	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
352	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
353	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
354	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
355	BL	BL	BL	BL	BL	BL	BL	BL	BL

Sample No.	Heavy Metals and Flame Retardants					Phthalates			
	Cd	Cr	Hg	Pb	Br	DEHP	BBP	DBP	DIBP
355	BL	BL	BL	BL	BL	BL	BL	BL	BL
356	BL	BL	BL	BL	BL	BL	BL	BL	BL
357	BL	BL	BL	BL	NA	NA	NA	NA	NA
358	BL	BL	BL	BL	NA	NA	NA	NA	NA
359	BL	BL	BL	BL	NA	NA	NA	NA	NA
360	BL	BL	BL	BL	NA	NA	NA	NA	NA
361	BL	BL	BL	BL	NA	NA	NA	NA	NA
362	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
363	BL	BL	BL	BL	NA	NA	NA	NA	NA
364	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
365	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
366	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
367	**Inc.**[(a)]	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
368	BL	BL	BL	BL	NA	NA	NA	NA	NA
369	BL	**Inc.**[(a)]	BL	BL	NA	NA	NA	NA	NA
370	BL	BL	BL	BL	NA	NA	NA	NA	NA
371	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
372	BL	BL	BL	BL	NA	NA	NA	NA	NA
373	BL	BL	BL	BL	**Inc.**[(a)]	BL	BL	BL	BL
374	**Inc.**[(a)]	BL	BL	BL	NA	NA	NA	NA	NA
375	BL	BL	BL	BL	BL	BL	BL	BL	BL
376	BL	BL	BL	**Inc.**[(a)]	NA	NA	NA	NA	NA

Note:

- "BL" denotes below limit
- "OL" denotes over limit
- "Inc." denotes inconclusive
- "NA" denotes not applicable
- "[(a)]" denotes further confirmation test was conducted, results are listed in 2.2 and 2.3.

— XRF screening limits in mg/kg for regulated elements in various matrices

ELEMENT	POLYMER		
	BL	INCONCLUSIVE	OL
Cd	X<(70-3σ)	(70-3σ)<X<(130+3σ)	X>(130+3σ)
Pb	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Hg	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Br	X<(300-3σ)	X>(300-3σ)	NA
Cr	X<(700-3σ)	X>(700-3σ)	NA

ELEMENT	METAL		
	BL	INCONCLUSIVE	OL
Cd	X<(70-3σ)	(70-3σ)<X<(130+3σ)	X>(130+3σ)
Pb	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Hg	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Cr	X<(700-3σ)	X>(700-3σ)	NA

ELEMENT	COMPLEX MATERIAL		
	BL	INCONCLUSIVE	OL
Cd	X<(50-3σ)	(50-3σ)<X<(150+3σ)	X>(150+3σ)
Pb	X<(500-3σ)	(500-3σ)<X<(1500+3σ)	X>(1500+3σ)
Hg	X<(500-3σ)	(500-3σ)<X<(1500+3σ)	X>(1500+3σ)
Br	X<(250-3σ)	X>(250-3σ)	NA
Cr	X<(500-3σ)	X>(500-3σ)	NA

— Screening limits in mg/kg for regulated phthalates in various matrices

PHTHALATES	BL	INCONCLUSIVE
DEHP	X<600	X≥ 600
BBP	X<600	X≥ 600
DBP	X<600	X≥ 600
DIBP	X<600	X≥ 600

2.2. HEAVY METAL CONTENT

Test method: With reference to EN 62321-4:2014 /A1:2017, EN 62321-5:2014, EN 62321-7-1:2015 and EN 62321-7-2:2017, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and UV-Vis spectrophotometer. [Reporting Limit: 2mg/kg for Cadmium; 10mg/kg or 0.10μg/cm^2 for Hexavalent Chromium, 10mg/kg for Lead and Mercury.]

Sample No.	Result				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
001	--	/	/	--	373
007	--	/	Negative	--	--
008	--	/	Negative	--	--
009	--	/	Negative	--	--
016	--	/	Negative	--	--
017	--	/	Negative	--	--
018	--	/	Negative	--	--
019	--	/	Negative	--	--
020	--	/	Negative	--	--
021	--	/	Negative	--	--
022	--	/	Negative	--	--
023	--	/	Negative	--	--
024	--	/	Negative	--	--
025	--	/	Negative	--	--
026	--	/	Negative	--	--
030	--	/	Negative	--	--
032	--	/	Negative	--	--
034	--	/	--	--	**$2.15\times10^{4(c)}$**
035	--	/	Negative	--	--
058	< 2	/	--	--	--
066	< 2	/	--	--	--
067	--	/	Negative	--	--
087	--	/	Negative	--	--
088	--	/	Negative	--	--

Sample No.	Result				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
089	--	/	Negative	--	--
090	--	/	Negative	--	--
095	--	/	Negative	--	--
097	--	/	Negative	--	--
098	--	/	Negative	--	--
099	--	/	Negative	--	--
155	--	/	--	--	**$2.51\times10^{4(c)}$**
157	--	/	--	--	**$2.80\times10^{4(c)}$**
160	< 2	/	--	--	--
170	--	/	Negative	--	--
173	< 2	/	--	--	**$4.22\times10^{4(d)}$**
176	--	/	--	--	**$1.31\times10^{3(e)}$**
180	< 2	/	--	--	**$1.49\times10^{4(c)}$**
181	--	/	--	--	**$1.27\times10^{3(e)}$**
182	--	/	--	--	637
186	--	/	Negative	--	--
190	--	/	Negative	--	--
198	--	/	--	--	**$1.75\times10^{3(e)}$**
212	< 2	/	--	--	--
213	< 2	/	--	--	--
214	< 2	/	--	--	--
229	--	<10	/	--	--
236	< 2	/	--	--	**$2.20\times10^{4(d)}$**
238	< 2	/	--	--	--
241	2	/	--	--	--
242	--	/	Negative	--	--
264	--	/	Negative	--	--
265	--	/	Negative	--	--

Sample No.	Result				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
269	--	/	Negative	--	--
270	--	/	Negative	--	--
271	--	/	Negative	--	--
272	--	/	Negative	--	--
273	--	/	Negative	--	--
274	--	/	Negative	--	--
278	--	/	Negative	--	--
292	--	/	Negative	--	--
300	--	/	Negative	--	--
301	--	/	Negative	--	--
302	--	/	Negative	--	--
303	--	/	Negative	--	--
318	--	/	Negative	--	--
319	--	/	Negative	--	--
342	--	/	Negative	--	--
349	--	/	Negative	--	--
350	--	/	Negative	--	--
351	--	/	Negative	--	--
352	--	/	Negative	--	--
354	--	/	Negative	--	--
362	--	/	Negative	--	--
364	--	/	Negative	--	--
366	--	/	Negative	--	--
367	< 2	/	Negative	--	--
369	--	/	Negative	--	--
374	< 2	/	--	--	--
376	--	/	--	--	**$2.44\times10^{4(c)}$**
Unit	mg/kg	mg/kg	$\mu g/cm^2$	mg/kg	mg/kg

Sample No.	Result				
	Total Cadmium	Hexavalent Chromium	Hexavalent Chromium	Total Mercury	Total Lead
RoHS Requirement	100	1000	Negative#	1000	1000

Note:

- "mg/kg" denotes milligram per kilogram
- "μg/cm^2" denotes micrograms per square centimeter
- "<" denotes less than
- "Negative" denotes the absorbance value of sample is < 0.10 μg/cm^2, the sample is considered to be negative for Hexavalent Chromium.
- "Positive" denotes the absorbance value of sample is > 0.13 μg/cm^2, the sample is considered to be positive for Hexavalent Chromium.
- "Inconclusive" denotes the absorbance value of sample is ≥ 0.10 μg/cm^2 and ≤ 0.13 μg/cm^2, the sample is considered to be Inconclusive for Hexavalent Chromium.
- "#" According to DIRECTIVE 2011/65/EU Article 4(1) and Annex II. While, positive means the presence of CrVI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1) and Annex II.
- "--" denotes tested by XRF, result is listed in 2.1
- "(c)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 6(c) *"Copper alloy containing up to 4 % lead by weight".*
- "(d)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 7(a) *"lead in high melting temperature type solder (i. e. lead-based alloy containing 85% by weight or more lead)".*
- "(e)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 7(c)-I *"Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound"*

2.3. POLYBROMINATED BIPHENYLS (PBBs) AND POLYBROMINATED DIPHENYL ETHERS (PBDEs) CONTENT

Test Method: With reference to EN 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit: 5 mg/kg]

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 012+029+091	Sample 036+056+063	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 065+085+166	Sample 077+078+080	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 156+161+215	Sample 196+240	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 210+228	Sample 212+306+310	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 222+336+337	Sample 250+251+252	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 259+298	Sample 267+293+294	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

(Continued)

Test Item		Result [mg/kg]		RoHS Requirement [mg/kg]
		Sample 353+365	Sample 371+373	
PBBs	Monobromobiphenyl	< 5	< 5	Sum of PBBs 1000
	Dibromobiphenyl	< 5	< 5	
	Tribromobiphenyl	< 5	< 5	
	Tetrabromobiphenyl	< 5	< 5	
	Pentabromobiphenyl	< 5	< 5	
	Hexabromobiphenyl	< 5	< 5	
	Heptabromobiphenyl	< 5	< 5	
	Octabromobiphenyl	< 5	< 5	
	Nonabromobiphenyl	< 5	< 5	
	Decabromobiphenyl	< 5	< 5	
	Sum of PBBs	< 5	< 5	
PBDEs	Monobromodiphenyl Ether	< 5	< 5	Sum of PBDEs 1000
	Dibromodiphenyl Ether	< 5	< 5	
	Tribromodiphenyl Ether	< 5	< 5	
	Tetrabromodiphenyl Ether	< 5	< 5	
	Pentabromodiphenyl Ether	< 5	< 5	
	Hexabromodiphenyl Ether	< 5	< 5	
	Heptabromodiphenyl Ether	< 5	< 5	
	Octabromodiphenyl Ether	< 5	< 5	
	Nonabromodiphenyl Ether	< 5	< 5	
	Decabromodiphenyl Ether	< 5	< 5	
	Sum of PBDEs	< 5	< 5	

Note:

- "mg/kg" denotes miligram per kilogram
- "<" denotes less than

3. REMARK

The chemical testing was performed in TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Chemical lab and the test results were reviewed at TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch.

****

APPENDIX I: Summary of Limits and test standards

RoHS requirement according to directive 2011/65/EU and its amendment (EU) 2015/863:

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Hexavalent Chromium (Cr6+)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Phthalates (DEHP, BBP, DBP, DIBP)	0.1% (1000 mg/kg) each

Test Standards and Reporting limits:

Reference Standards	Testing Items	Analytical instrument	Reporting Limit
EN 62321-1:2013 (IEC 62321-1:2013)	Introduction and overview	---	---
EN IEC 62321-2:2021 (IEC 62321-2:2021)	Disassembly, disjointment and mechanical sample preparation	---	---
EN 62321-3-1: 2014 (IEC 62321-3-1: 2013)	Cadmium (Cd), total Chromium (Cr), Mercury (Hg), Lead (Pb), Bromine (Br)	Energy Dispersive X-ray Fluorescence Spectrometers (XRF)	---
EN 62321-4:2014 /A1:2017 (IEC 62321-4:2013/A1:2017)	Mercury (Hg)	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	10 mg/kg
EN 62321-5:2014 (IEC 62321-5:2013)	Cadmium (Cd)	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	2 mg/kg
	Total Chromium (Cr), Mercury (Hg), Lead (Pb)		10 mg/kg
EN 62321-6:2015 (IEC 62321-6:2015)	Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)	Gas Chromatography and Mass Spectrometry (GC-MS)	100 mg/kg
EN 62321-7-1: 2015 (IEC 62321-7-1:2015)	Hexavalent Chromium (Cr6+)	Ultraviolet–visible spectrophotometer (UV-Vis)	0.10 μg/cm^2
EN 62321-7-2: 2017 (IEC 62321-7-2:2017)	Hexavalent Chromium (Cr6+)		10 mg/kg
EN 62321-8:2017 (IEC 62321-8:2017)	Phthalates (DEHP, BBP, DBP, DIBP)	Gas Chromatography and Mass Spectrometry (GC-MS)	100 mg/kg

APPENDIX II:

Photos of submitted products

		
Pelio-L-5.12	US5000	US5000-B

---------End of Report---------

Ref. Certif. No.

SG PSB-BT-02751

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Batteries (Rechargeable Li-ion Battery)
Name and address of the applicant	Pylon Technologies Co., Ltd. No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park 201203 Pudong, Shanghai PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	Pylon Technologies Co., Ltd. No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park, 201203 Pudong, Shanghai, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	Pylon Technologies Co., Ltd. Plant 8, No.505 Kunkai Road, JinXi Town, 215324 Kunshan City, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	Nominal voltage: 48Vd.c. Rated capacity: 100Ah
Model/type Ref.	US5000; US5000-B
A sample of the product was tested and found to be in conformity with	IEC 62619:2017
as shown in the Test Report Ref. No. which forms part of this certificate	211-282160090-000

This CB Test Certificate is issued by the National Certification Body

CBS 090762 0045 Rev. 00

Date, 2021-09-09

(Harry Zhang)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937 PSB Singapore

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

Trade mark (Image)

This CB Test Certificate is issued by the National Certification Body

CBS 090762 0045 Rev. 00

Date, 2021-09-09

(Harry Zhang)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937 PSB Singapore

Ref. Certif. No.

SG PSB-BT-03076

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Batteries (Rechargeable Li-ion Battery)
Name and address of the applicant	Pylon Technologies Co., Ltd. No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park 201203 Pudong, Shanghai PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	Pylon Technologies Co., Ltd. No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park, 201203 Pudong, Shanghai, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	Pylon Technologies Co., Ltd. Plant 8, No.505 Kunkai Road, JinXi Town, 215324 Kunshan City, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	Nominal voltage: 48Vd.c. Rated capacity: 100Ah
Model/type Ref.	US5000; US5000-B
A sample of the product was tested and found to be in conformity with	IEC 63056:2020
as shown in the Test Report Ref. No. which forms part of this certificate	085-282160384-000

This CB Test Certificate is issued by the National Certification Body

CBS 090762 0046 Rev. 00

Date, 2022-02-24

(Harry Zhang)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937 PSB Singapore

Ref. Certif. No.

SG PSB-BT-03076

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

Trade mark (Image)

PYLONTECH

This CB Test Certificate is issued by the National Certification Body

CBS 090762 0046 Rev. 00

Date, 2022-02-24

(Harry Zhang)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937 PSB Singapore