TEST REPORT

LAB NO. : (6625)112-1324
DATE : April 30, 2025

Applicant:
SOLAX POWER NETWORK TECHNOLOGY (ZHEJIANG) CO.,LTD.
NO.278,SHIZHU ROAD,CHENGNAN SUB-DISTRICT,TONGLU COUNTY,HANGZHOU,ZHEJIANG,CHINA

Date of Submission: 2024-11-11
Test Period: 2024-11-11 to 2025-4-30
Sample Mode: Sample Presentation
BV EE Ref. No.: SXP-ESH-Q24091301-A0

Sample Description:	Sample(s) received is(are) stated to be: ENERGY STORAGEPHOTOVOLTAIC INVERTER		
Manufacturer:	/	Buyer:	/
Style No(s):	X3-AELIO-61K	PO No.:	/
Country of Origin:	China	Country of Destination:	Europe

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH	-	See Result
The 2 Substances Specified by Client - The Additional Dangerous Substances of Decree No. 2021-1285	PASS	-

Note: Testing as sample submitted by client, this test report is only responsible for the conformity of the tested items. The client is responsible for the representative and authenticity of the submitted samples.
The below results of item 1-35,37-64,66-106,108-314,316-390,392-477,479-499 are transferred from item 1-35,37-64,66-106,108-314,316-390,392-477,479-499 of (6624)316-1382 dated December 17, 2024.

REMARK
If there are questions or concerns on this report, please contact the following persons:

General enquiry and invoicing
Mr. Speed Yu/ Ms. Cabell Chen
(021) 24166888*6832/6850
Speed.yu @bureauveritas.com/ Cabel.chen@bureauveritas.com

Technical enquiry
Mr. Gorden Yu/ Ken He
(021) 24166888*6852/6859
Gorden.yu @bureauveritas.com/ Kenny.he@bureauveritas.com

BUREAU VERITAS
CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

Laboratory Test Location:
No.368,Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai
No.168,Guanghua Road, Zhuanqiao Town, Minhang, Shanghai

PREPARED BY: Ainnie Zhang

APPROVED BY:
Gorden Yu
Lab Manager

Bureau Veritas
Consumer Products Services Division (Shanghai)
No.168, Guanghua Road , Zhuanqiao Town, Minhang, Shanghai, China.
Post Code: 201108
Tel: 86-21-24166888 Fax: 86-21-64890042
Email: bvcps_sh_info@cn.bureauveritas.com
Http: www. bureauveritas.com/cps

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Note:

1. The limit of 0.1% (w/w) applies to an article. The results were calculated according to Guidance on requirements for substances in articles Version 4.0 – June 2017,reference to the judgement of the European Court of Justice of 10 September 2015 in case C-106/142 .However, the results may not be applicable if the intended use of the sample is a substance or mixture. According to REACH, definition of an article, substance and mixture are:
   i. Article - An object during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition
   ii Substance - A chemical element and its compound in the natural state or obtained by any manufacturing process
   iii Mixture (Previously known as "Preparation") - A mixture or solution composed of two or more substances
2. In accordance of Article 7 of Regulation (EC) No. 1907/2006 (REACH regulation) – Registration and notification of substances in articles, any producer or importer of articles shall notify ECHA, if a substance meets in criteria in Article 57 and is identified in accordance with Article 59(1), if both (1) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year & (2) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w) are met. The information to be notified shall include (a) identity and contact details of the producer or importer, (b) the registration numbers, (c) the identity of the substance and (d) the classification of the substance, (e) a brief description of the use of the substance and (f) the tonnage range of the substance.
3 In accordance of Article 33 of Regulation (EC) No. 1907/2006 (REACH regulation) – Duty to communicate information on substances in articles, any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. On request by a consumer the relevant information shall be provided by any supplier of an article free of charge, within 45 days of receipt of the request.
4 If SVHC was detected exceeding 0,1% (w/w) in test group, client is suggested to perform the further separate testing to identify the exact concentration of test items.

Photo of the Submitted Sample



Test Item	Description	Location	Test Group
1	Silvery metal screw	Housing	Group 46
2	Black plastic		Group 24
3	Silvery metal		Group 46
4	Silvery metal		Group 46
5	Silvery metal		Group 46
6	Silvery metal screw		Group 46
7	White coating		Group 1
8	Black coating		Group 1
9	Silvery plastic label		Group 1
10	White plastic label		Group 1
11	White plastic label		Group 1
12	Yellow plastic label		Group 1
13	Black plastic		Group 1
14	Black plastic		Group 24
15	Silvery metal		Group 46
16	Black plastic		Group 1
17	Silvery metal screw		Group 46
18	Silvery metal		Group 46
19	Silvery metal		Group 46
20	Transparent glue		Group 24
21	White plastic		Group 1
22	White plastic		Group 1
23	Silvery metal		Group 46
24	Silvery metal		Group 47
25	Silvery metal		Group 47
26	Silvery metal		Group 47
27	Grey sponge		Group 24
28	Black plastic		Group 2
29	White plastic label		Group 2
30	Black plastic		Group 2
31	White plastic		Group 2
32	Yellow and green plastic wire jacket		Group 25
33	Black plastic		Group 2
34	Transparent glue		Group 2
35	Transparent plastic		Group 2
36	Black plastic		Group 2
37	Silvery metal screw		Group 47
38	Silvery metal		Group 47
39	Silvery metal		Group 47
40	Black plastic	PCB	Group 2
41	Black plastic		Group 2
42	Black plastic		Group 3
43	Black fabric		Group 3
44	Black fabric		Group 3
45	Purple plastic wire jacket		Group 25
46	Green plastic wire jacket		Group 25
47	Grey plastic wire jacket		Group 25
48	Yellow plastic wire jacket		Group 25
49	Blue plastic wire jacket		Group 25

Test Item	Description	Location	Test Group
50	Red plastic wire jacket		Group 25
51	White plastic wire jacket		Group 25
52	Silvery metal wire		Group 47
53	Silvery metal		Group 47
54	Silvery metal spring		Group 47
55	Golden metal with silvery plating		Group 39
56	Silvery metal screw		Group 47
57	Black EC		Group 35
58	Brown chip capacitor		Group 35
59	Silvery metal solder		NA
60	Green PCB		Group 34
61	Silvery metal with black plating		Group 48
62	Grey plastic		Group 3
63	Transparent plastic		Group 3
64	White plastic		Group 3
65	Grey plastic		Group 3
66	Grey plastic		Group 3
67	Transparent glass		Group 37
68	Black plastic		Group 3
69	Black plastic		Group 3
70	Silvery metal solder		NA
71	Black plastic		Group 4
72	Black plastic		Group 4
73	Black sponge		Group 4
74	Beige plastic		Group 4
75	Grey plastic		Group 4
76	Beige plastic		Group 4
77	Beige plastic		Group 4
78	Black plastic		Group 25
79	White plastic		Group 4
80	Silvery metal		Group 48
81	Silvery metal		Group 48
82	Silvery metal		Group 48
83	Silvery metal		Group 48
84	Silvery metal		Group 48
85	Silvery metal		Group 48
86	Silvery metal screw		Group 48
87	Silvery metal spring		Group 48
88	White plastic		Group 4
89	Black plastic		Group 4
90	Black magnet		Group 37
91	Black plastic		Group 5
92	White sponge		Group 25
93	Silvery metal		Group 48
94	Red plastic wire jacket		Group 26
95	Black plastic wire jacket		Group 26
96	Silvery metal wire		Group 49
97	Silvery metal		Group 49
98	Silvery metal screw		Group 49

Test Item	Description	Location	Test Group
99	White plastic		Group 5
100	White plastic		Group 5
101	White plastic		Group 5
102	Silvery metal screw		Group 49
103	Black plastic		Group 5
104	Black plastic		Group 5
105	Black plastic		Group 5
106	Beige plastic		Group 5
107	Black plastic		Group 5
108	Black plastic		Group 5
109	Blue plastic		Group 6
110	Silvery metal		Group 49
111	Silvery metal		Group 49
112	White plastic		Group 6
113	White plastic		Group 6
114	White fabric		Group 6
115	Red plastic wire jacket		Group 26
116	Black plastic wire jacket		Group 26
117	White plastic wire jacket		Group 26
118	Yellow plastic wire jacket		Group 26
119	Green plastic wire jacket		Group 26
120	Blue plastic wire jacket		Group 26
121	Black plastic		Group 24
122	Black plastic		Group 24
123	Black plastic		Group 26
124	Black plastic		Group 26
125	Black plastic		Group 6
126	Black plastic		Group 6
127	Silvery metal		Group 49
128	Silvery metal screw		Group 49
129	Silvery metal		Group 49
130	Silvery metal spring		Group 49
131	Black plastic		Group 6
132	Silvery metal		Group 50
133	Black plastic		Group 6
134	Green plastic		Group 6
135	Beige plastic		Group 6
136	White plastic		Group 7
137	White plastic wire jacket		Group 27
138	Blue plastic wire jacket		Group 27
139	Yellow plastic wire jacket		Group 27
140	Green plastic wire jacket		Group 27
141	Red plastic wire jacket		Group 27
142	Black plastic wire jacket		Group 27
143	Black EC		Group 35
144	Silvery metal solder		NA
145	Blue capacitor		Group 35
146	Black plastic		Group 7
147	Blue plastic		Group 27

Test Item	Description	Location	Test Group
148	Black plastic		Group 7
149	Black plastic		Group 7
150	Silvery metal		Group 50
151	Grey plastic		Group 27
152	Black plastic		Group 7
153	Black magnet		Group 37
154	White plastic		Group 7
155	White plastic		Group 7
156	Black plastic wire jacket		Group 27
157	White plastic		Group 7
158	Silvery metal solder		NA
159	Green PCB		Group 34
160	Black plastic		Group 7
161	Black plastic		Group 7
162	Black plastic		Group 27
163	Grey plastic		Group 28
164	Silvery metal screw		Group 50
165	Silvery metal screw		Group 50
166	Silvery metal		Group 50
167	White plastic		Group 8
168	Yellow and green plastic wire jacket		Group 28
169	Red plastic wire jacket		Group 28
170	Black plastic wire jacket		Group 28
171	Transparent plastic		Group 8
172	Orange plastic		Group 8
173	Black plastic		Group 8
174	White plastic		Group 28
175	Silvery metal		Group 50
176	Black plastic		Group 8
177	Red plastic wire jacket		Group 28
178	Black plastic wire jacket		Group 28
179	White plastic		Group 8
180	White plastic label		Group 8
181	Silvery metal		Group 50
182	Transparent plastic		Group 8
183	Transparent plastic		Group 28
184	Silvery metal		Group 50
185	Golden metal with silvery plating		Group 40
186	Transparent plastic		Group 28
187	Blue plastic		Group 8
188	Blue plastic		Group 8
189	Silvery metal solder		NA
190	Silvery metal		Group 50
191	White plastic		Group 9
192	Silvery metal		Group 50
193	Silvery metal spring		Group 51
194	White fabric		Group 9
195	Red plastic wire jacket		Group 28
196	White plastic wire jacket		Group 29

Test Item	Description	Location	Test Group
197	Black plastic wire jacket		Group 29
198	Black plastic		Group 9
199	Red plastic wire jacket		Group 29
200	Black plastic wire jacket		Group 29
201	Red plastic wire jacket		Group 29
202	White fabric		Group 9
203	Red plastic wire jacket		Group 29
204	Black plastic wire jacket		Group 29
205	Beige plastic		Group 9
206	White plastic		Group 9
207	Grey plastic		Group 9
208	Red plastic		Group 9
209	Green plastic		Group 9
210	Grey plastic		Group 9
211	Black magnet		Group 37
212	Silvery metal spring		Group 51
213	Golden metal		Group 51
214	Silvery metal		Group 51
215	Silvery metal solder		NA
216	Grey plastic		Group 10
217	Black plastic		Group 10
218	Silvery metal solder		NA
219	Silvery metal film		Group 51
220	White ceramic		Group 37
221	Blue capacitor		Group 35
222	White glue		Group 10
223	Brown plastic		Group 10
224	Black glue		Group 10
225	White plastic		Group 10
226	Beige PCB		Group 10
227	Coppery metal		Group 51
228	Green plastic		Group 10
229	Silvery metal		Group 51
230	Silvery metal solder		NA
231	Green PCB		Group 10
232	Black plastic		Group 10
233	Black plastic		Group 11
234	Silvery metal		Group 51
235	Black plastic		Group 11
236	Brown paper		Group 11
237	Black plastic		Group 11
238	Black plastic		Group 11
239	Black plastic		Group 11
240	Brown paper		Group 11
241	Brown paper		Group 11
242	Silvery metal		Group 51
243	Silvery metal		Group 51
244	Silvery metal		Group 52
245	Silvery metal		Group 52

Test Item	Description	Location	Test Group
246	Yellow plastic		Group 11
247	Silvery metal		Group 52
248	White plastic		Group 11
249	Silvery metal		Group 52
250	Black plastic		Group 12
251	Black glue		Group 12
252	Black magnet		Group 37
253	Silvery metal		Group 52
254	Grey magnet		Group 38
255	Black EC		Group 35
256	Black plastic		Group 12
257	Black EC		Group 35
258	Black EC		Group 35
259	Black EC		Group 35
260	Black EC		Group 36
261	Beige plastic		Group 12
262	Silvery metal solder		NA
263	Green PCB		Group 34
264	Black plastic		Group 12
265	Black plastic		Group 12
266	Black plastic		Group 12
267	Silvery metal		Group 52
268	Grey plastic wire jacket		Group 12
269	Brown plastic		Group 12
270	Grey plastic		Group 12
271	Brown plastic		Group 13
272	Grey plastic		Group 13
273	Grey plastic		Group 13
274	Black plastic		Group 13
275	Black plastic		Group 13
276	Black plastic		Group 13
277	Coppery metal wire		Group 52
278	Silvery metal		Group 52
279	Black plastic		Group 13
280	Coppery metal		Group 52
281	Coppery metal contact point with silvery plating		Group 52
282	Silvery metal spring		Group 53
283	Black plastic		Group 13
284	Black plastic		Group 13
285	Black plastic		Group 13
286	Black plastic		Group 14
287	Black plastic		Group 14
288	Silvery metal		Group 53
289	Silvery metal solder		NA
290	Green PCB		Group 34
291	Black plastic		Group 14
292	Blue plastic		Group 14
293	Black plastic		Group 14

Test Item	Description	Location	Test Group
294	Coppery metal		Group 53
295	Black plastic		Group 14
296	Black plastic		Group 14
297	Yellow PCB		Group 14
298	Silvery metal		Group 53
299	Silvery metal		Group 53
300	Silvery metal		Group 53
301	Silvery metal solder		NA
302	Green PCB		Group 34
303	White plastic		Group 14
304	Blue plastic		Group 14
305	Green PCB		Group 15
306	Coppery metal wire		Group 53
307	Silvery metal		Group 53
308	Black EC		Group 36
309	Brown plastic		Group 15
310	Silvery metal screw		Group 53
311	Black EC		Group 36
312	Yellow plastic		Group 15
313	Yellow plastic		Group 15
314	Brown plastic		Group 15
315	White plastic		Group 15
316	Transparent plastic		Group 15
317	Black plastic		Group 15
318	Black magnet		Group 38
319	Black EC		Group 36
320	Black chip resistor		Group 34
321	Silvery metal solder		NA
322	Black plastic wire jacket		Group 15
323	Red plastic wire jacket		Group 15
324	White plastic		Group 16
325	White plastic		Group 16
326	Black plastic		Group 16
327	Brown paper		Group 16
328	Transparent plastic		Group 16
329	Black plastic		Group 16
330	Brown plastic		Group 16
331	Silvery metal		Group 53
332	Silvery metal		Group 54
333	Silvery metal		Group 54
334	Silvery metal		Group 54
335	Silvery metal		Group 54
336	Silvery metal		Group 54
337	Silvery metal		Group 54
338	Beige plastic		Group 16
339	White plastic		Group 16
340	White plastic		Group 16
341	Black plastic		Group 17
342	Black plastic wire jacket		Group 29

Test Item	Description	Location	Test Group
343	Black plastic		Group 17
344	Silvery metal		Group 54
345	Black plastic		Group 17
346	Black plastic		Group 17
347	Yellow plastic		Group 17
348	Grey plastic		Group 17
349	Black plastic		Group 17
350	Black plastic		Group 17
351	White ceramic		Group 38
352	White ceramic		Group 38
353	Silvery metal		Group 54
354	White ceramic		Group 38
355	Silvery metal wire		Group 54
356	Blue plastic		Group 17
357	Blue plastic		Group 17
358	Silvery metal solder		NA
359	Silvery metal screw		Group 54
360	Silvery metal		Group 55
361	Golden metal with silvery plating		Group 41
362	Black plastic		Group 36
363	White plastic		Group 18
364	Black EC		Group 36
365	Silvery metal		Group 55
366	Silvery metal screw	Fan	Group 55
367	Silvery metal		Group 55
368	Black plastic		Group 18
369	Black plastic		Group 18
370	Silvery metal		Group 55
371	Black magnet		Group 18
372	White plastic		Group 18
373	Silvery metal		Group 55
374	Silvery metal		Group 55
375	Silvery metal		Group 55
376	Golden metal		Group 42
377	White plastic label		Group 18
378	Silvery metal solder		NA
379	Green PCB		Group 34
380	Black plastic		Group 18
381	Black plastic wire jacket		Group 29
382	Red plastic wire jacket		Group 29
383	Blue plastic wire jacket		Group 30
384	Yellow plastic wire jacket		Group 30
385	Black plastic		Group 18
386	Black plastic		Group 18
387	Black plastic		Group 18
388	Black plastic		Group 19
389	Black plastic		Group 30
390	Black plastic		Group 30
391	Black plastic		Group 30

Test Item	Description	Location	Test Group
392	Black plastic cable jacket		Group 30
393	White plastic wire jacket		Group 30
394	Black plastic wire jacket		Group 30
395	Red plastic wire jacket		Group 30
396	Brown plastic wire jacket		Group 30
397	White plastic		Group 19
398	Yellow plastic		Group 19
399	Blue plastic		Group 31
400	Silvery metal		Group 55
401	Black plastic		Group 19
402	Black plastic		Group 19
403	White plastic label		Group 19
404	Black plastic		Group 19
405	Silvery metal solder		NA
406	Green PCB		Group 34
407	Golden metal		Group 43
408	Black plastic wire jacket		Group 31
409	White plastic wire jacket		Group 31
410	Red plastic wire jacket		Group 31
411	Brown plastic wire jacket		Group 31
412	Silvery metal	Housing	Group 55
413	Orange sponge		Group 31
414	Grey glue		Group 19
415	Black plastic		Group 19
416	White fabric		Group 31
417	Beige plastic		Group 31
418	Black plastic		Group 31
419	Red plastic		Group 31
420	Silvery metal solder		NA
421	Blue plastic		Group 19
422	Red plastic		Group 20
423	Green plastic		Group 20
424	White plastic		Group 20
425	Brown plastic		Group 20
426	Yellow plastic		Group 20
427	Brown plastic		Group 20
428	Green plastic		Group 20
429	Black plastic		Group 20
430	Grey ceramic		Group 38
431	Black coating		Group 20
432	Transparent plastic	USB	Group 20
433	Grey plastic		Group 32
434	Blue plastic wire jacket		Group 21
435	Yellow plastic wire jacket		Group 21
436	Orange plastic wire jacket		Group 21
437	Brown plastic wire jacket		Group 21
438	Black plastic wire jacket		Group 21
439	Grey plastic wire jacket		Group 21
440	Silvery plastic label		Group 21

Test Item	Description	Location	Test Group
441	Black plastic		Group 21
442	Black plastic		Group 32
443	Black plastic		Group 21
444	Black plastic		Group 21
445	Silvery metal solder		NA
446	Black EC		Group 36
447	Black plastic wire jacket		Group 32
448	Yellow plastic wire jacket		Group 32
449	Green plastic wire jacket		Group 32
450	Red plastic wire jacket		Group 32
451	Silvery metal		Group 56
452	Black plastic		Group 22
453	Black plastic		Group 22
454	Black plastic		Group 32
455	White plastic		Group 33
456	Orange plastic		Group 22
457	Orange plastic		Group 22
458	Grey plastic	PCB	Group 22
459	Silvery metal		Group 56
460	Green plastic		Group 22
461	Green plastic		Group 22
462	Silvery metal screw		Group 56
463	Silvery metal		Group 56
464	Golden metal with silvery plating		Group 44
465	Transparent plastic		Group 22
466	Silvery metal		Group 56
467	Black plastic		Group 22
468	Silvery metal solder		NA
469	Green PCB		Group 34
470	Black plastic		Group 22
471	Black plastic		Group 23
472	Silvery metal		Group 56
473	Black plastic		Group 23
474	Black plastic		Group 23
475	Black plastic		Group 33
476	Black plastic		Group 33
477	Black plastic		Group 23
478	Black plastic		Group 23
479	Silvery metal screw		Group 56
480	Golden metal		Group 45
481	Black plastic		Group 23
482	Silvery plastic label		Group 23
483	Black plastic		Group 33
484	Grey plastic		Group 23
485	Green LED		Group 36
486	Yellow LED		Group 36
487	Black PCB		Group 34
488	Blue plastic		Group 23
489	Black plastic	Housing	Group 23

Test Item	Description	Location	Test Group
490	Beige plastic		Group 33
491	Black plastic		Group 24
492	Black plastic		Group 24
493	Black plastic		Group 24
494	Beige plastic		Group 33
495	Silvery metal		Group 56
496	Silvery metal		Group 56
497	Silvery metal		Group 56
498	Silvery metal		Group 57
499	Blue plastic		Group 24

TEST RESULT

Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

Method: Analysis is based on GC, LC, IC, ICP and UV, with various detection techniques.

Maximum Allowable Limit:	0.1% (Each of listed)

Test Group 1:	Hard plastic group	Test Item:	7+8+9+10+12+13+16+21+22+11

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 2:	Hard plastic group	Test Item:	28+29+30+31+33+34+35+36+40+41

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list	
Test Item	Detected Substances (%)
	Triphenyl phosphate
28	< 0.005
29	< 0.005
30	< 0.005
31	< 0.005
33	< 0.005
34	< 0.005
35	< 0.005
36	< 0.005
40	< 0.005
41	< 0.005

Test Group 3:	Hard plastic group	Test Item:	42+68+69+65+66+62+63+64+43+44

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Bumetrizole	**0.48**	**SVHC was detected exceeding 0,1% (w/w)**
Triphenyl phosphate	**0.153**	

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list		
Test Item	Detected Substances (%)	
	Bumetrizole	Triphenyl phosphate
42	< 0.005	< 0.005
68	< 0.005	< 0.005
69	< 0.005	< 0.005
65	**4.78**	**1.46**
66	0.021	< 0.005
62	< 0.005	< 0.005
63	< 0.005	< 0.005
64	< 0.005	< 0.005
43	< 0.005	0.072
44	< 0.005	< 0.005

Test Group 4:	Hard plastic group	Test Item:	71+72+73+74+75+76+77+79+88+89

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 5:	Hard plastic group	Test Item:	91+99+100+101+103 +104+105+106+107+108

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Dodecamethylcyclohexasiloxane (D6)	0.008	SVHC was detected exceeding 0,1% (w/w)
Melamine	**0.187**	

- It is possible that, if tested separately, one or more of the constituents of the composite sample may contain the substance in a concentration exceeding 0.1 % (w/w). Client is suggested to perform the further separate testing to identify the exact concentration of test items.
- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list		
Test Item	Detected Substances (%)	
	Dodecamethylcyclohexasiloxane (D6)	Melamine
91	< 0.005	< 0.005
99	< 0.005	< 0.005
100	< 0.005	< 0.005
101	< 0.005	< 0.005
103	< 0.005	< 0.005
104	< 0.005	< 0.005
105	< 0.005	< 0.005
106	0.021	< 0.005
107	< 0.005	**1.87**
108	0.054	< 0.005

Test Group 6:	Hard plastic group	Test Item:	109+112+113+114+125 +126+131+133+134+135

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 7:	Hard plastic group	Test Item:	136+146+148+149+152 +154+155+157+160+161

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 8:	Hard plastic group	Test Item:	167+171+173+172+176 +179+180+182+187+188

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 9:	Hard plastic group	Test Item:	191+194+198+202+205 +206+207+208+209+210

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 10:	Hard plastic group	Test Item:	216+217+222+223+224 +225+226+228+231+232

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
N,N-dimethylformamide; dimethyl formamide	0.012	PASS

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list	
Test Item	Detected Substances (%)
	N,N-dimethylformamide; dimethyl formamide
216	< 0.005
217	< 0.005
222	< 0.005
223	< 0.005
224	< 0.005
225	< 0.005
226	0.075
228	< 0.005
231	0.044
232	< 0.005

Test Group 11:	Hard plastic group	Test Item:	233+235+236+237+238 +239+240+241+246+248

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 12:	Hard plastic group	Test Item:	250+251+256+261+264 +265+266+268+269+270

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 13:	Hard plastic group	Test Item:	271+272+273+274+275 +276+279+283+184+285

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 14:	Hard plastic group	Test Item:	286+287+291+292+293 +295+296+297+303+304

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 15:	Hard plastic group	Test Item:	305+309+312+313+314 +315+316+317+322+323

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Triphenyl phosphate	**0.010**	**No conclusion**

- It is possible that, if tested separately, one or more of the constituents of the composite sample may contain the substance in a concentration exceeding 0.1 % (w/w). Client is suggested to perform the further separate testing to identify the exact concentration of test items.
- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list	
Test Item	Detected Substances (%)
	Triphenyl phosphate
305	< 0.005
309	< 0.005
312	< 0.005
313	< 0.005
314	< 0.005
315	**0.097**
316	< 0.005
317	< 0.005
322	< 0.005
323	< 0.005

Test Group 16:	Hard plastic group	Test Item:	324+325+326+327+328 +329+330+338+339+340

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 17:	Hard plastic group	Test Item:	363+368+369+371+372 +377+380+385+386+387

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 18:	Hard plastic group	Test Item:	388+397+398+401+402 +403+404+414+415+421

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 19:	Hard plastic group	Test Item:	341+343+345+346+347 +348+349+350+356+357

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 20:	Hard plastic group	Test Item:	422+423+424+425+426 +427+428+429+431+432

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 21:	Hard plastic group	Test Item:	434+435+436+437+438 +439+440+441+443+444

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Bis(α,α-dimethylbenzyl) peroxide	0.006	PASS

Test Group 22:	Hard plastic group	Test Item:	452+453+456+457+458 +460+461+465+467+470

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 23:	Hard plastic group	Test Item:	471+473+474+477+478 +481+482+484+488+489

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Triphenyl phosphate	**0.042**	**SVHC was detected exceeding 0,1% (w/w)**

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list	
Test Item	Detected Substances (%)
	Triphenyl phosphate
471	< 0.005
473	< 0.005
474	< 0.005
477	< 0.005
478	**0.417**
481	< 0.005
482	< 0.005
484	< 0.005
488	< 0.005
489	< 0.005

Test Group 24:	Hard plastic group	Test Item:	491+492+493+494+2+14 +20+27+121+122

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Octamethylcyclotetrasiloxane(D4)	0.011	PASS
Decamethylcyclopentasiloxane (D5)	0.006	
Dodecamethylcyclohexasiloxane (D6)	0.005	

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list			
Test Item	Detected Substances (%)		
	Octamethylcyclotetrasiloxane(D4)	Decamethylcyclopentasiloxane (D5)	Dodecamethylcyclohexasiloxan e (D6)
491	< 0.005	< 0.005	< 0.005
492	< 0.005	< 0.005	< 0.005
493	< 0.005	< 0.005	< 0.005
494	< 0.005	< 0.005	< 0.005
2	0.008	< 0.005	< 0.005
14	0.007	< 0.005	< 0.005
20	0.046	0.032	0.016
27	0.024	0.012	0.009
121	0.026	0.016	0.028
122	< 0.005	< 0.005	< 0.005

Test Group 25:	Soft plastic group	Test Item:	32+45+46+47+48+49+ 50+51+78+92

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 26:	Soft plastic group	Test Item:	94+95+115+116+117+ 118+119+120+123+124

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Octamethylcyclotetrasiloxane(D4)	0.006	PASS
Decamethylcyclopentasiloxane (D5)	0.007	

Test Group 27:	Soft plastic group	Test Item:	137+138+139+140+141 +142+147+151+156+162

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 28:	Soft plastic group	Test Item:	163+168+169+170+174 +177+178+183+186+195

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 29:	Soft plastic group	Test Item:	196+197+199+200+201 +203+204+342+381+382

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 30:	Soft plastic group	Test Item:	383+384+389+390+391 +392+393+394+395+396

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Melamine	**0.187**	**SVHC was detected exceeding 0,1% (w/w)**

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list		
Test Item	Detected Substances (%)	
	4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	Melamine
383	< 0.005	< 0.01
384	< 0.005	< 0.01
389	< 0.005	< 0.01
390	0.008	< 0.01
391	< 0.005	**1.87**
392	< 0.005	< 0.01
393	< 0.005	< 0.01
394	< 0.005	< 0.01
395	< 0.005	< 0.01
396	< 0.005	< 0.01

Test Group 31:	Soft plastic group	Test Item:	399+408+409+410+411 +413+416+417+418+419

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Octamethylcyclotetrasiloxane(D4)	0.007	PASS
Decamethylcyclopentasiloxane (D5)	0.006	

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list		
Test Item	Detected Substances (%)	
	Octamethylcyclotetrasiloxane(D4)	Decamethylcyclopentasiloxane (D5)
399	< 0.005	< 0.005
408	< 0.005	< 0.005
409	< 0.005	< 0.005
410	< 0.005	< 0.005
411	< 0.005	< 0.005
413	0.018	0.040
416	0.018	0.020
417	0.009	0.005
418	0.011	< 0.005
419	0.010	< 0.005

Test Group 32:	Soft plastic group	Test Item:	433+442+447+448+449 +450+454

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Bis (2-ethylhexyl) phthalate (DEHP)	0.008	PASS
Dibutyl phthalate (DBP)	0.014	
Dodecamethylcyclohexasiloxane (D6)	0.006	

Separate testing on the test item(s) has been performed, details are as following.

Separate test data list			
Test Item	Detected Substances (%)		
	Bis (2-ethylhexyl) phthalate (DEHP)	Dibutyl phthalate (DBP)	Dodecamethylcyclohexasiloxane (D6)
433	< 0.005	< 0.005	< 0.005
442	0.044	< 0.005	< 0.005
447	< 0.005	< 0.005	< 0.005
448	< 0.005	0.020	< 0.005
449	< 0.005	0.062	< 0.005
450	< 0.005	0.016	< 0.005
454	0.009	< 0.005	0.040

Test Group 33:	Soft plastic group	Test Item:	455+475+476+483+490 +494

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Dodecamethylcyclohexasiloxane (D6)	0.013	PASS

Test Group 34:	PCB group	Test Item:	60+159+263+190+302 +379+406+469+487

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
N,N-dimethylformamide; dimethyl formamide	0.006	PASS
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	0.007	

- The client declared the Barium diboron tetraoxide* have not been added in the production process.

Test Group 35:	EC group	Test Item:	57+58+143+145+221 +255+257+258+259

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 36:	EC group	Test Item:	260+308+311+319+362 +364+446+485+486

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 37:	Glass group	Test Item:	67+90+153+211+220+ 252

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Cobalt dichloride*/ Cobalt(II) carbonate* have not been added in the production process.

Test Group 38:	Glass group	Test Item:	254+318+351+352+354+430

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

- The client declared the Cobalt dichloride*/ Cobalt(II) carbonate* have not been added in the production process.

Test Group 39:	Golden metal with silvery plating	Test Item:	55

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 40:	Golden metal with silvery plating	Test Item:	185

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Lead	**1.46**	**SVHC was detected exceeding 0,1% (w/w)**

Test Group 41:	Golden metal with silvery plating	Test Item:	361

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Lead	**2.07**	**SVHC was detected exceeding 0,1% (w/w)**

Test Group 42:	Golden metal	Test Item:	376

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 43:	Golden metal	Test Item:	407

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 44:	Golden metal with silvery plating	Test Item:	464

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Lead	**2.01**	**SVHC was detected exceeding 0,1% (w/w)**

Test Group 45:	Golden metal	Test Item:	480

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
Lead	**1.97**	**SVHC was detected exceeding 0,1% (w/w)**

Test Group 46:	Metal group	Test Item:	1+3+4+5+6+15+17+18+19+23

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 47:	Metal group	Test Item:	24+25+26+37+38+39+52+53+54+56

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 48:	Metal group	Test Item:	61+80+81+82+83+84+85+86+87+93

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 49:	Metal group	Test Item:	96+97+98+102+110+111+127+128+129+130

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 50:	Metal group	Test Item:	132+150+164+165+166+175+181+184+190+192

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 51:	Metal group	Test Item:	193+212+213+214+219+227+229+234+242+243

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 52:	Metal group	Test Item:	244+245+247+249+253+267+277+278+280+281

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 53:	Metal group	Test Item:	282+288+294+298+299+300+306+307+310+331

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 54:	Metal group	Test Item:	332+333+334+335+336+337+344+353+355+359

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 55:	Metal group	Test Item:	360+365+366+367+370+373+374+375+400+412

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 56:	Metal group	Test Item:	451+459+462+463+466+472+479+495+496+497

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 57:	Metal group	Test Item:	498

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Remark:

ND = Not Detected Conc. = Concentration
mg/kg = milligram per kilogram % = percentage 1 mg/kg = 0.0001%
Detection Limit (%): See Appendix.
The detected SVHC and its value will be shown in above table, the else SVHC not shown in the table will be regarded as ND. When all SVHC for test are not detected, it will be shown ND.

TEST RESULT

The 2 Substances Specified by Client - The Additional Dangerous Substances of Decree No. 2021-1285

Method: Analysis is based on GC, LC, IC, ICP and UV, with various detection techniques.

Maximum Allowable Limit:	**0.1% (Each of listed)**

Test Group 1:	Hard plastic group	**Test Item:**	7+8+9+10+12+13+16+21+22+11

Result		**Conclusion**
Detected Analyte(s)	**Conc. (%)**	
ND	ND	PASS

Test Group 2:	Hard plastic group	**Test Item:**	28+29+30+31+33+34+35+36+40+41

Result		**Conclusion**
Detected Analyte(s)	**Conc. (%)**	
ND	ND	PASS

Test Group 3:	Hard plastic group	**Test Item:**	42+68+69+65+66+62+63+64+43+44

Result		**Conclusion**
Detected Analyte(s)	**Conc. (%)**	
ND	ND	PASS

Test Group 4:	Hard plastic group	**Test Item:**	71+72+73+74+75+76+77+79+88+89

Result		**Conclusion**
Detected Analyte(s)	**Conc. (%)**	
ND	ND	PASS

Test Group 5:	Hard plastic group	**Test Item:**	91+99+100+101+103+104+105+106+107+108

Result		**Conclusion**
Detected Analyte(s)	**Conc. (%)**	
ND	ND	PASS

Test Group 6:	Hard plastic group	Test Item:	109+112+113+114+125 +126+131+133+134+135

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 7:	Hard plastic group	Test Item:	136+146+148+149+152 +154+155+157+160+161

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 8:	Hard plastic group	Test Item:	167+171+173+172+176 +179+180+182+187+188

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 9:	Hard plastic group	Test Item:	191+194+198+202+205 +206+207+208+209+210

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 10:	Hard plastic group	Test Item:	216+217+222+223+224 +225+226+228+231+232

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 11:	Hard plastic group	Test Item:	233+235+236+237+238 +239+240+241+246+248

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 12:	Hard plastic group	Test Item:	250+251+256+261+264 +265+266+268+269+270

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 13:	Hard plastic group	Test Item:	271+272+273+274+275 +276+279+283+184+285

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 14:	Hard plastic group	Test Item:	286+287+291+292+293 +295+296+297+303+304

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 15:	Hard plastic group	Test Item:	305+309+312+313+314 +315+316+317+322+323

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 16:	Hard plastic group	Test Item:	324+325+326+327+328 +329+330+338+339+340

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 17:	Hard plastic group	Test Item:	363+368+369+371+372 +377+380+385+386+387

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 18:	Hard plastic group	Test Item:	388+397+398+401+402 +403+404+414+415+421

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 19:	Hard plastic group	Test Item:	341+343+345+346+347 +348+349+350+356+357

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 20:	Hard plastic group	Test Item:	422+423+424+425+426 +427+428+429+431+432

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 21:	Hard plastic group	Test Item:	434+435+436+437+438 +439+440+441+443+444

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 22:	Hard plastic group	Test Item:	452+453+456+457+458 +460+461+465+467+470

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 23:	Hard plastic group	Test Item:	471+473+474+477+478 +481+482+484+488+489

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 24:	Hard plastic group	Test Item:	491+492+493+494+2+14 +20+27+121+122

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 25:	Soft plastic group	Test Item:	32+45+46+47+48+49+ 50+51+78+92

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 26:	Soft plastic group	Test Item:	94+95+115+116+117+ 118+119+120+123+124

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 27:	Soft plastic group	Test Item:	137+138+139+140+141 +142+147+151+156+162

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 28:	Soft plastic group	Test Item:	163+168+169+170+174 +177+178+183+186+195

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 29:	Soft plastic group	Test Item:	196+197+199+200+201 +203+204+342+381+382

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 30:	Soft plastic group	Test Item:	383+384+389+390+391 +392+393+394+395+396

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 31:	Soft plastic group	Test Item:	399+408+409+410+411 +413+416+417+418+419

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 32:	Soft plastic group	Test Item:	433+442+447+448+449 +450+454

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 33:	Soft plastic group	Test Item:	455+475+476+483+490 +494

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 34:	PCB group	Test Item:	60+159+263+190+302 +379+406+469+487

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 35:	EC group	Test Item:	57+58+143+145+221 +255+257+258+259

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 36:	EC group	Test Item:	260+308+311+319+362 +364+446+485+486

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 37:	Glass group	Test Item:	67+90+153+211+220+ 252

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 38:	Glass group	Test Item:	254+318+351+352+354+ 430

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 39:	Golden metal with silvery plating	Test Item:	55

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 40:	Golden metal with silvery plating	Test Item:	185

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 41:	Golden metal with silvery plating	Test Item:	361

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 42:	Golden metal	Test Item:	376

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 43:	Golden metal	Test Item:	407

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 44:	Golden metal with silvery plating	Test Item:	464

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 45:	Golden metal	Test Item:	480

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 46:	Metal group	Test Item:	1+3+4+5+6+15+17+18+19+23

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 47:	Metal group	Test Item:	24+25+26+37+38+39+52+53+54+56

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 48:	Metal group	Test Item:	61+80+81+82+83+84+85+86+87+93

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 49:	Metal group	Test Item:	96+97+98+102+110+111+127+128+129+130

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 50:	Metal group	Test Item:	132+150+164+165+166+175+181+184+190+192

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 51:	Metal group	Test Item:	193+212+213+214+219+227+229+234+242+243

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 52:	Metal group	Test Item:	244+245+247+249+253+267+277+278+280+281

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 53:	Metal group	Test Item:	282+288+294+298+299+300+306+307+310+331

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 54:	Metal group	Test Item:	332+333+334+335+336+337+344+353+355+359

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 55:	Metal group	Test Item:	360+365+366+367+370+373+374+375+400+412

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 56:	Metal group	Test Item:	451+459+462+463+466+472+479+495+496+497

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Test Group 57:	Metal group	Test Item:	498

Result		Conclusion
Detected Analyte(s)	Conc. (%)	
ND	ND	PASS

Remark:

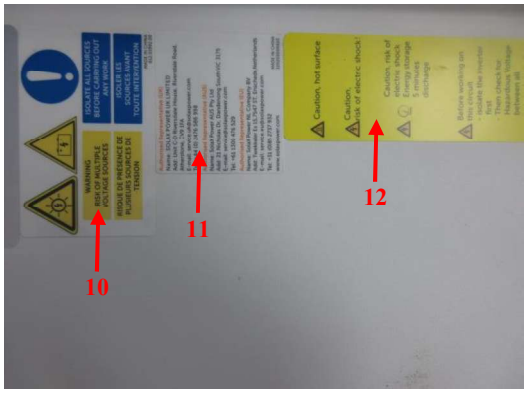
ND = Not Detected Conc. = Concentration
mg/kg = milligram per kilogram % = percentage 1 mg/kg = 0.0001%
Detection Limit (%): See Appendix.
The detected SVHC and its value will be shown in above table, the else SVHC not shown in the table will be regarded as ND. When all SVHC for test are not detected, it will be shown ND.

Photograph depicting Test Item(s)

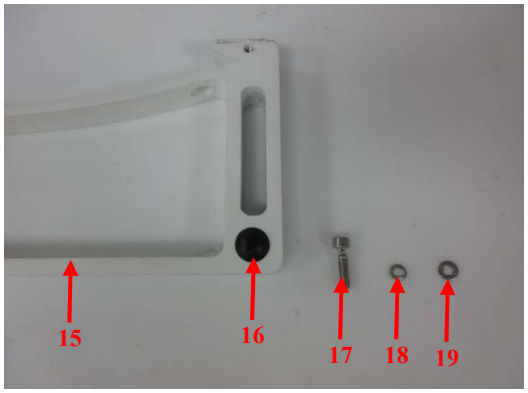




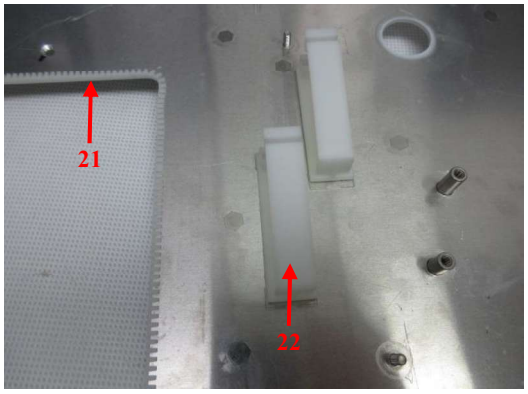


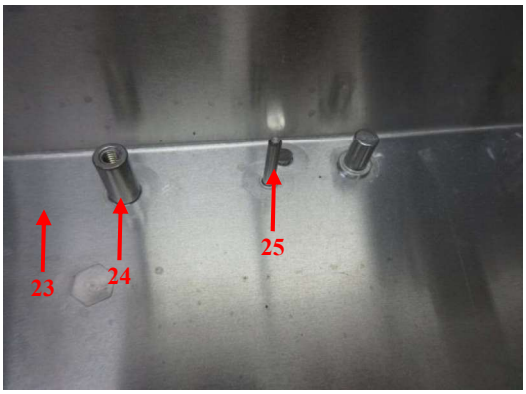




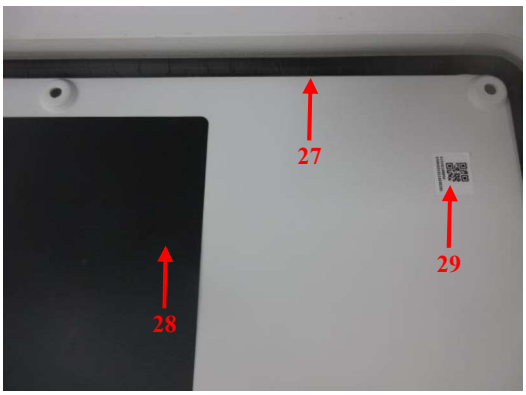


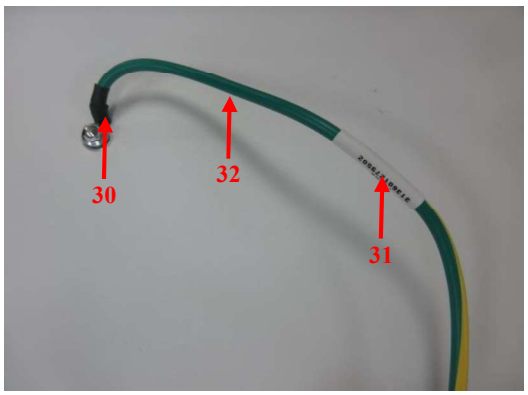

20

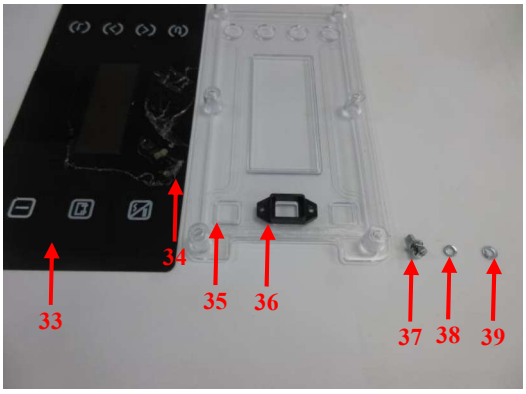

21
22

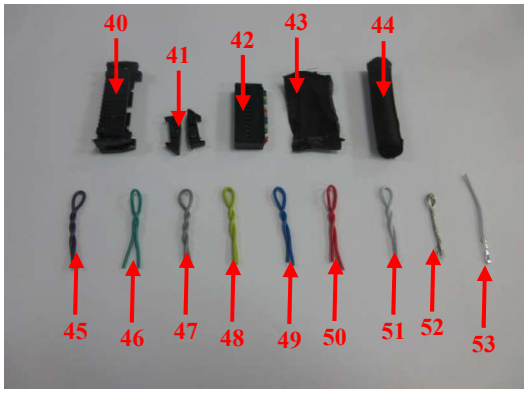

23
24
25

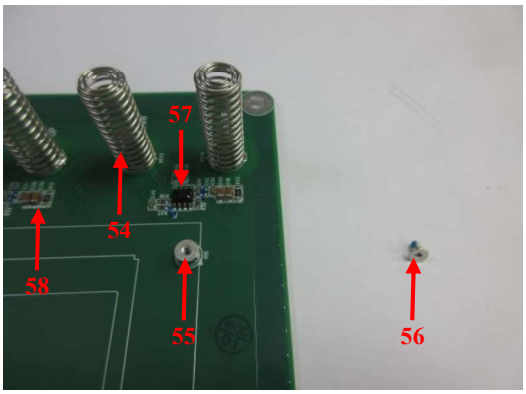

26

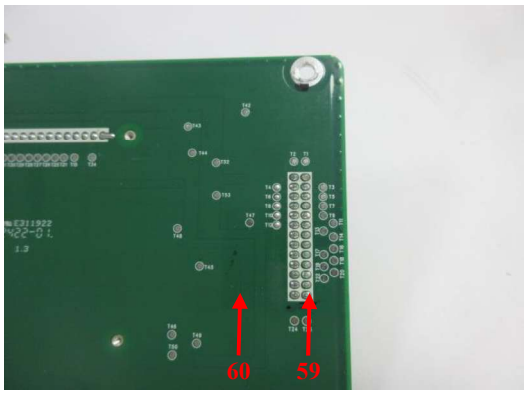

27
28
29

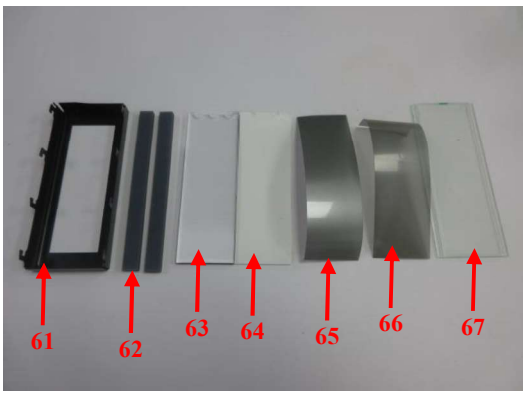

30
32
31


33
34
35
36
37
38
39

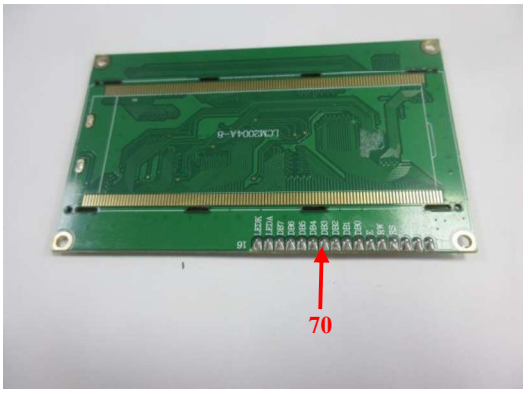

40
41
42
43
44
45
46
47
48
49
50
51
52
53

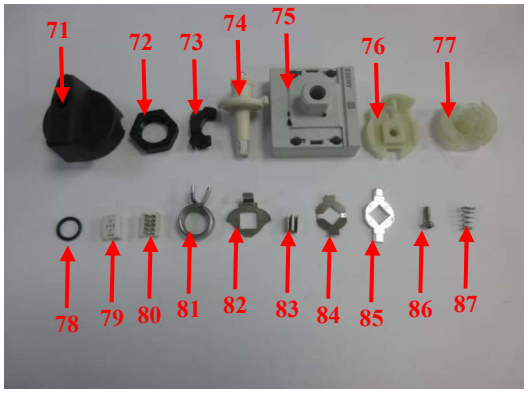

54
55
56
57
58


59
60

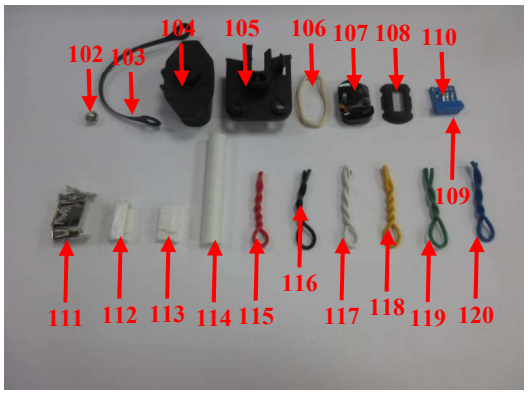

61
62
63
64
65
66
67


68
69
LCM2004A-8

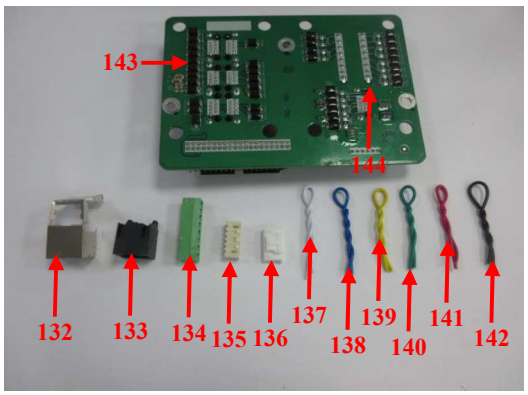

70

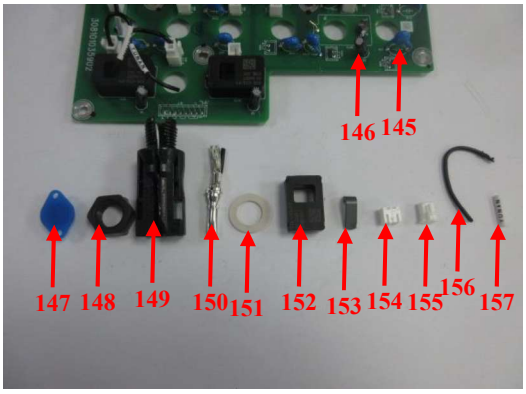

71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87

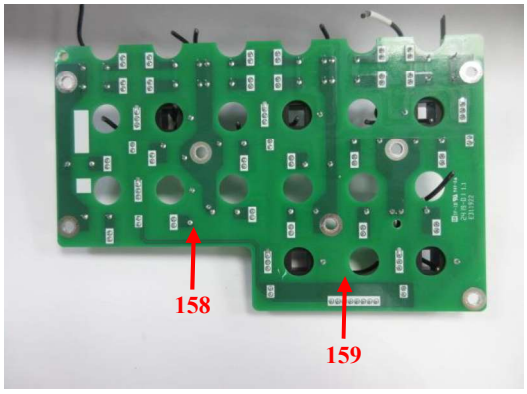

88
89
90
92
91
93
94
95
96
97
98
99
100
101

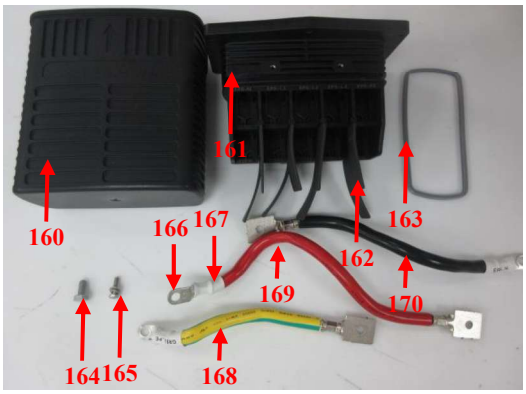

102
103
104
105
106
107
108
110
109
111
112
113
114
115
116
117
118
119
120


121
122
123
124
125
126
127
128
129
130
131

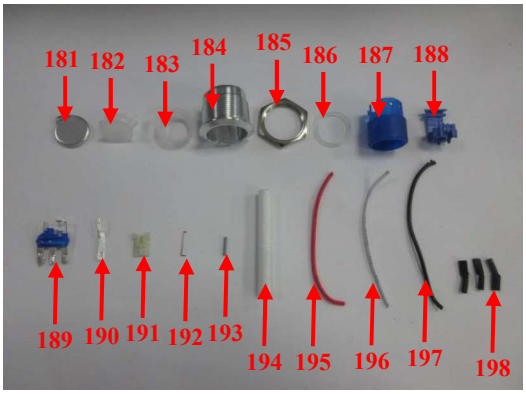

143
144
132
133
134
135
136
137
138
139
140
141
142

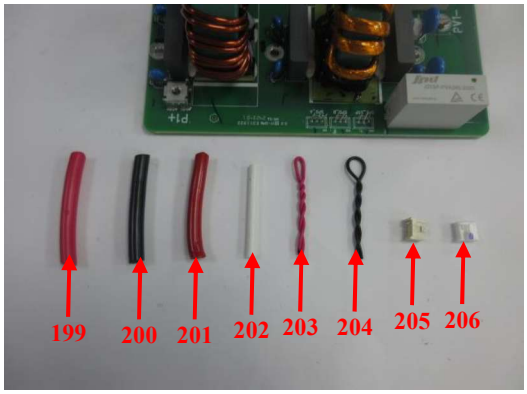

146 145
147 148 149 150 151 152 153 154 155 156 157

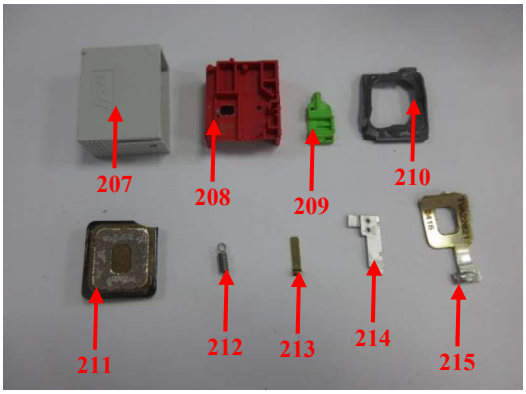

158
159

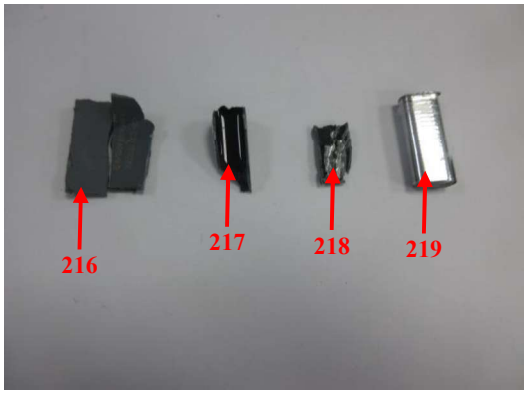

161
160
166 167
163
162
169
170
164 165
168

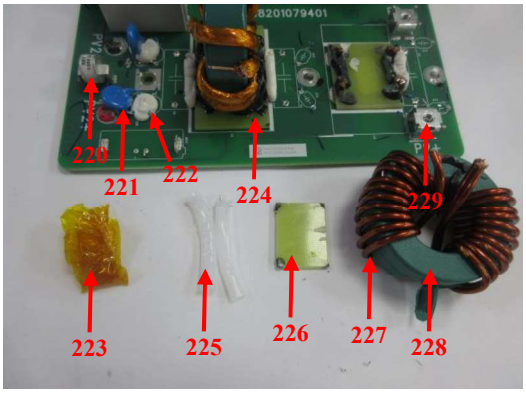

171 172 173 174 175 176
177 178 179 180

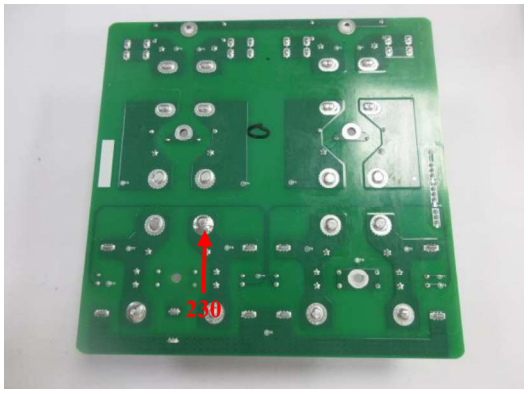

181 182 183 184 185 186 187 188
189 190 191 192 193 194 195 196 197 198

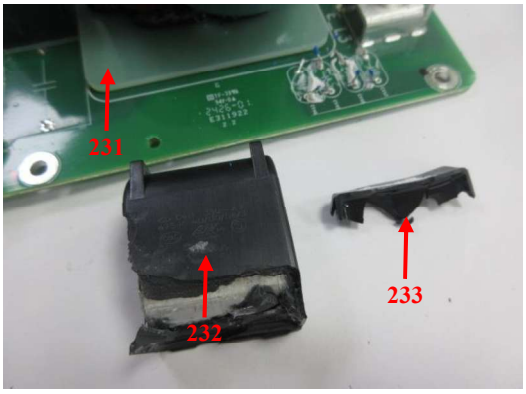

199 200 201 202 203 204 205 206


207
208
209
210
211
212
213
214
215

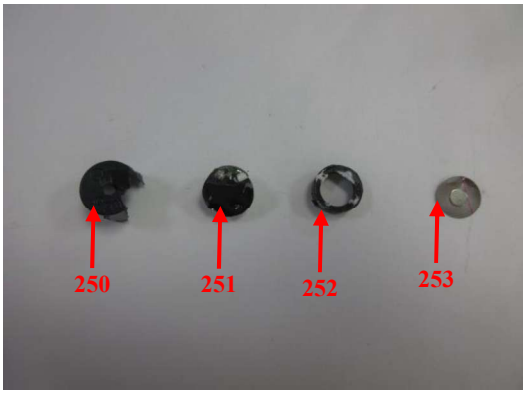

216
217
218
219

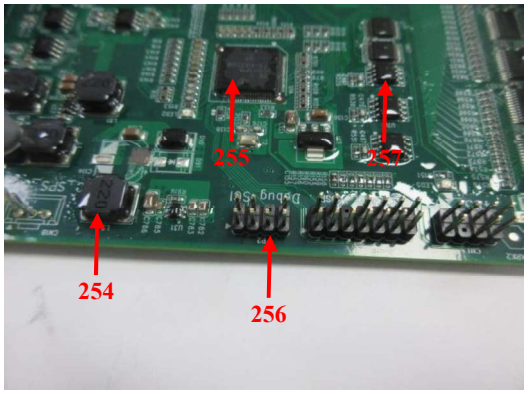

8201079401
220
221
222
224
229
223
225
226
227
228

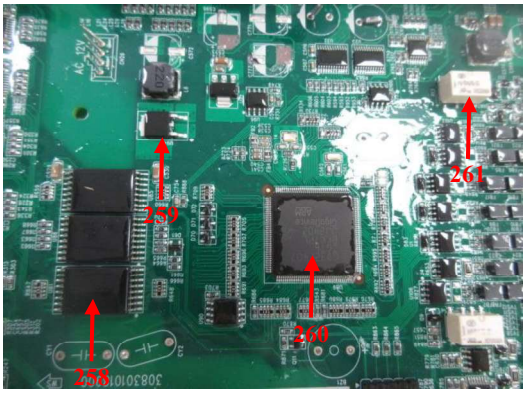

230

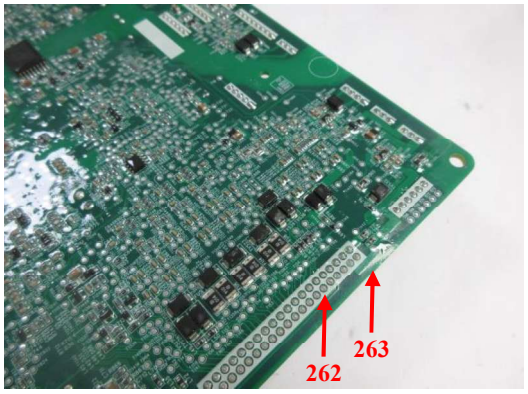

231
232
233

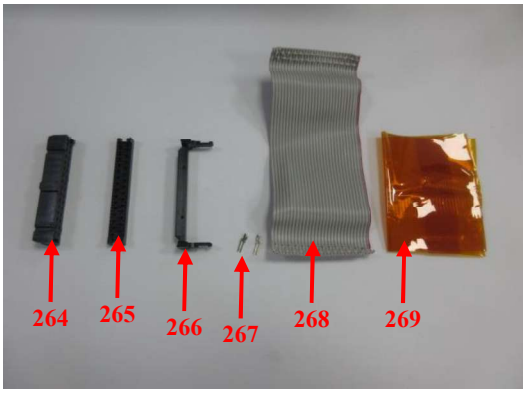

234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249

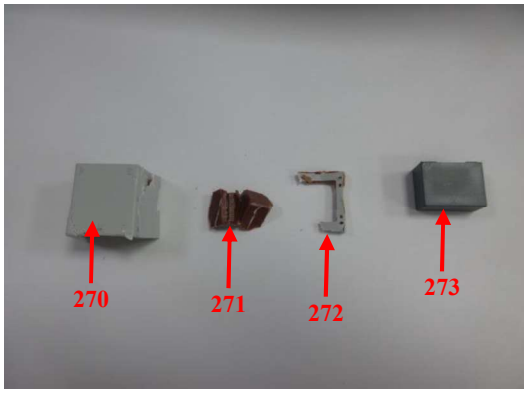

250
251
252
253

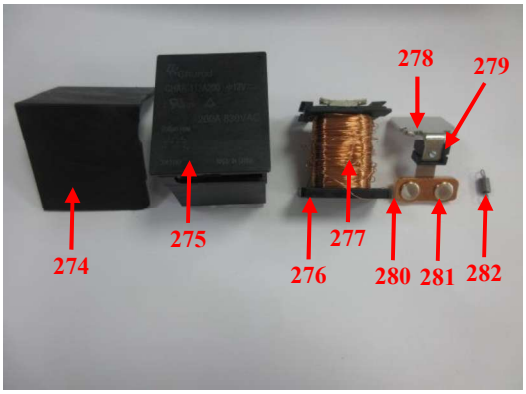

255
257
254
256

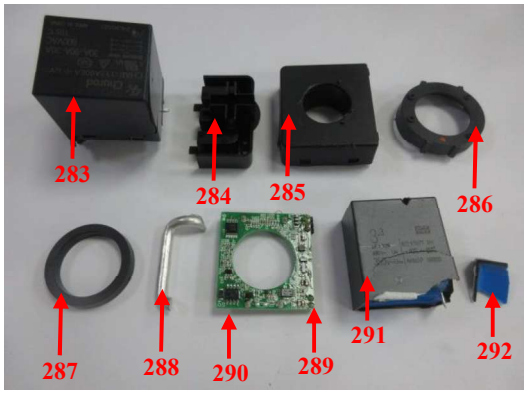

261
259
260
258

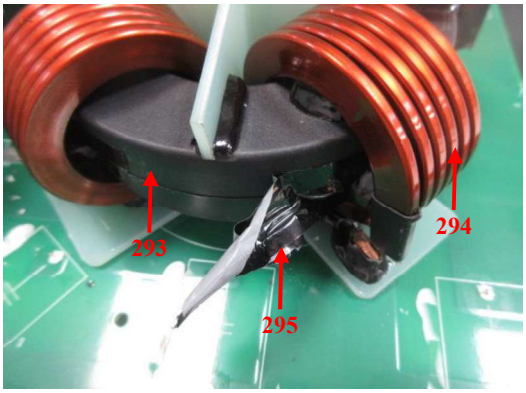

262
263

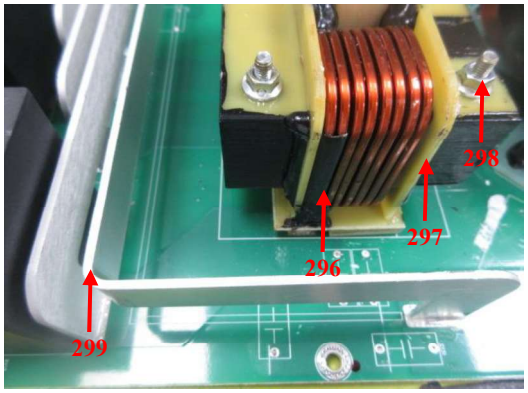

264
265
266
267
268
269

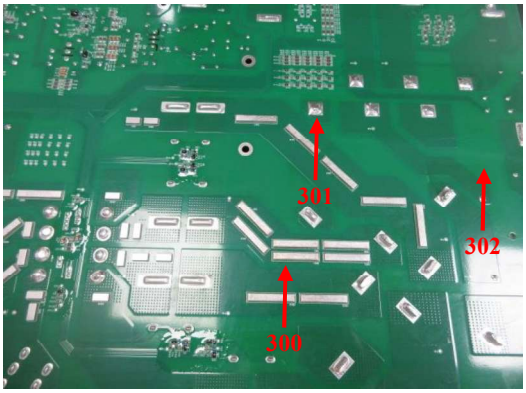

270
271
272
273


278
279
274
275
277
276
280
281
282

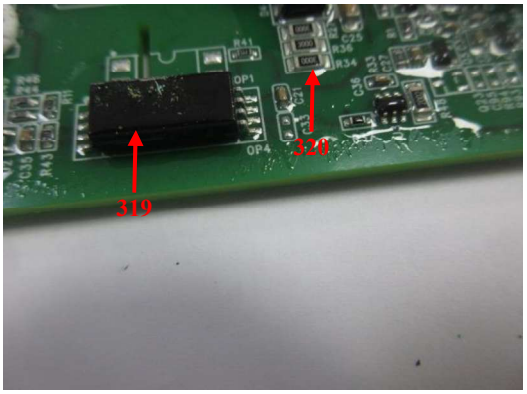

283
284
285
286
287
288
290
289
291
292

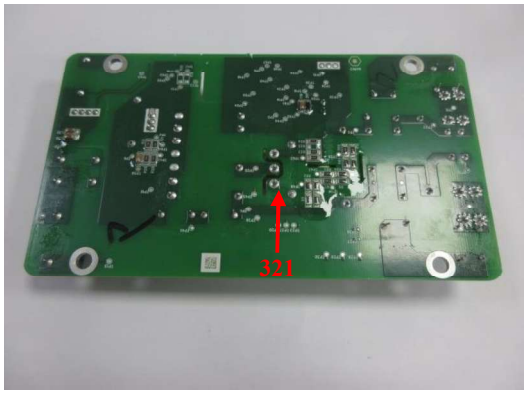

293
294
295

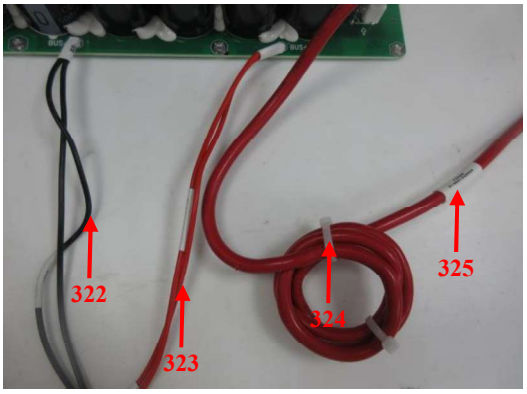

298
297
296
299


301
302
300

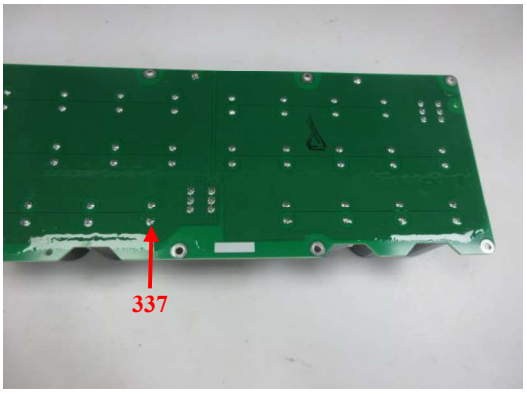

303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318

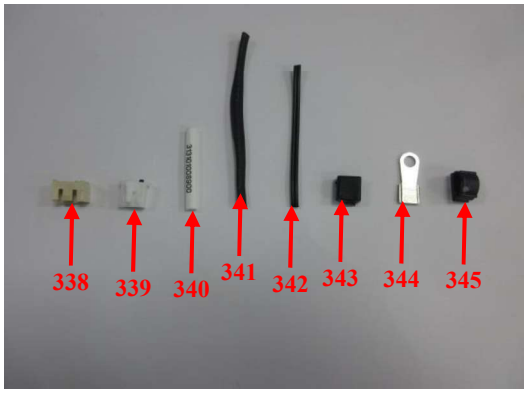

319
320

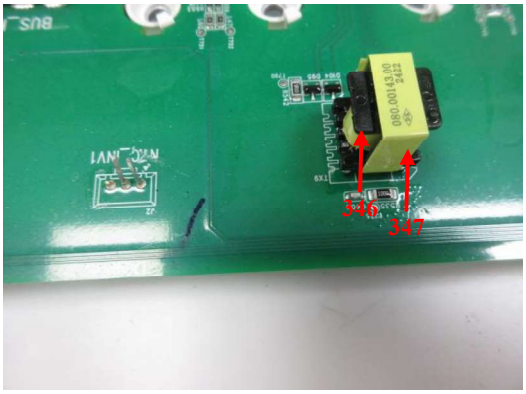

321

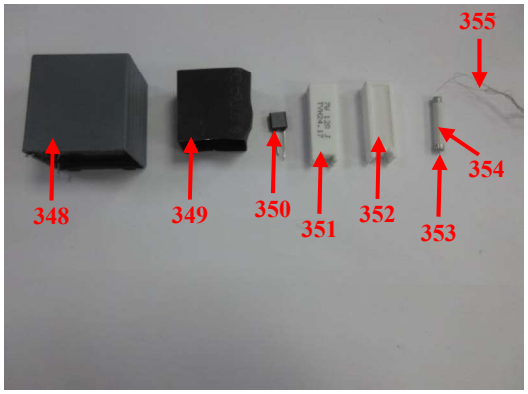

322
323
324
325

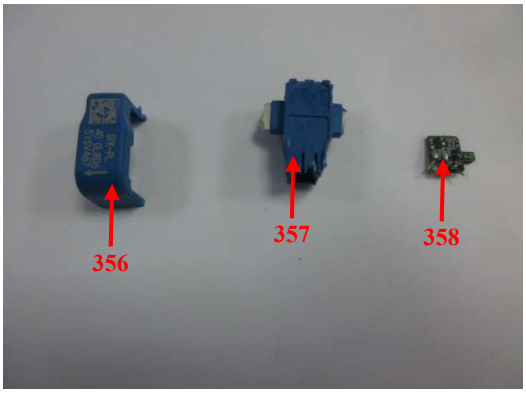

326
327
328
329
330
331
332
333
334
335
336

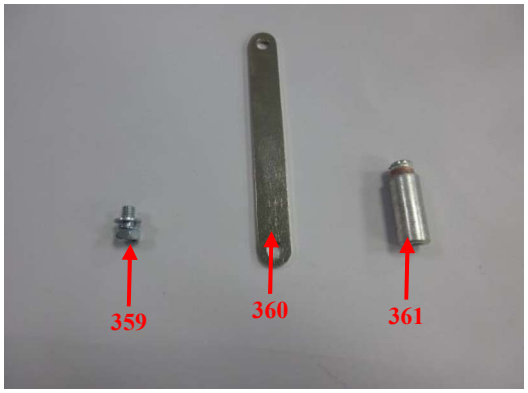

337

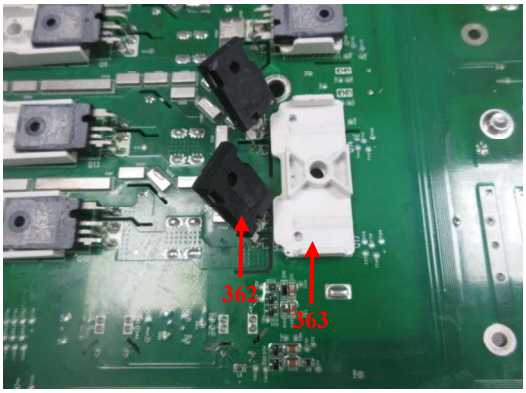

338
339
340
341
342
343
344
345

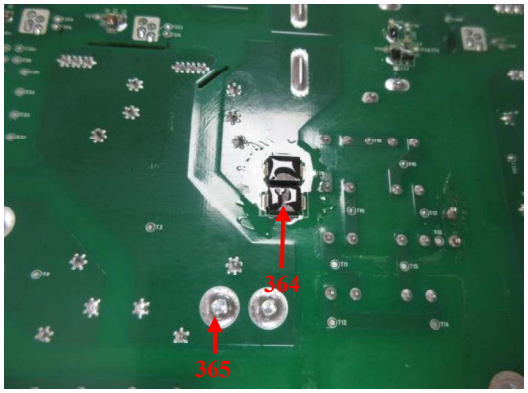

346
347

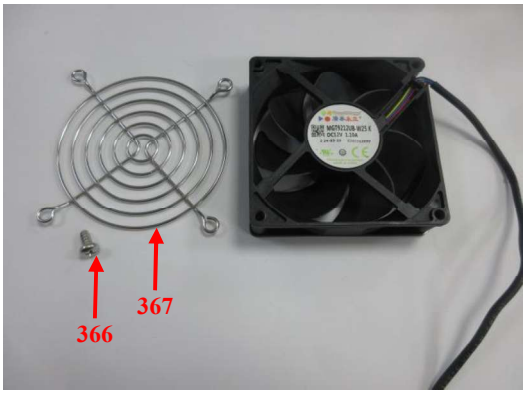

355
354
348
349
350
351
352
353


356
357
358


359
360
361


362
363

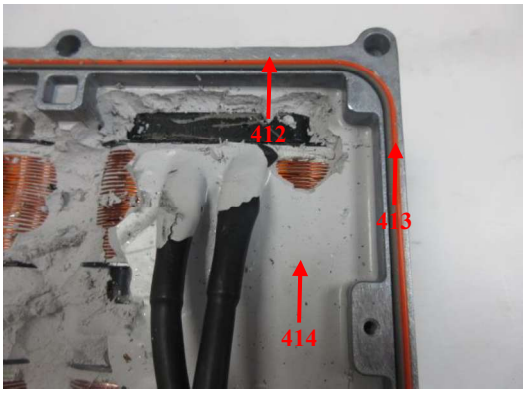

364
365

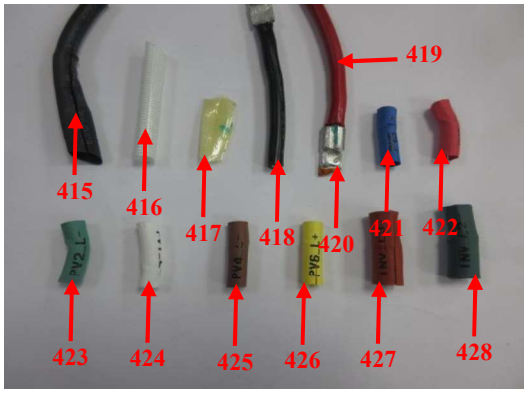

366
367


368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384


385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400

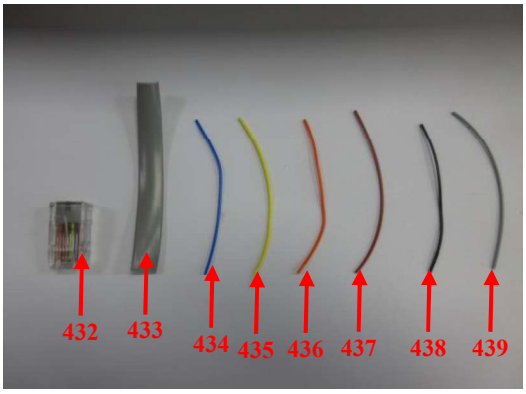

401
402
403
404
405
406
407
408
409
410
411

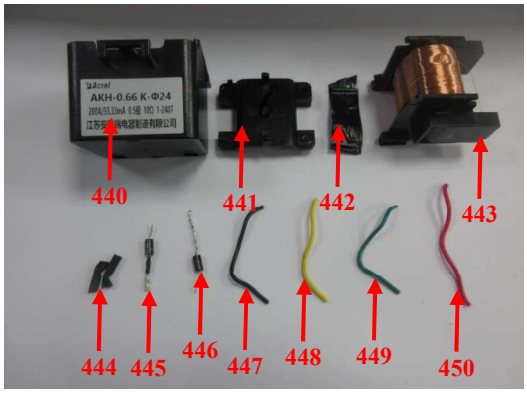

412
413
414


415
416
417
418
419
420
421
422
423
424
425
426
427
428


429
430

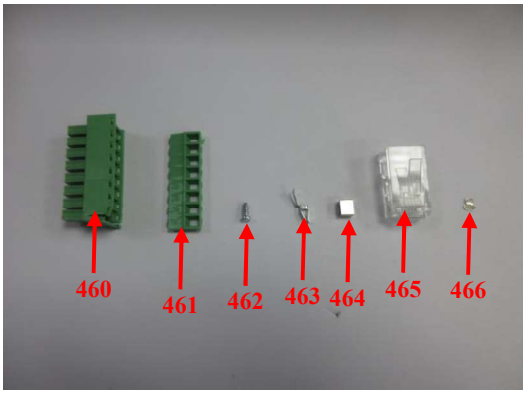

431

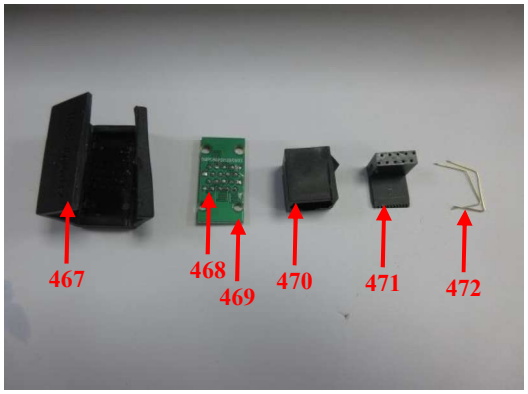

432
433
434
435
436
437
438
439


AKH-0.66 K-Φ24
440
441
442
443
444
445
446
447
448
449
450

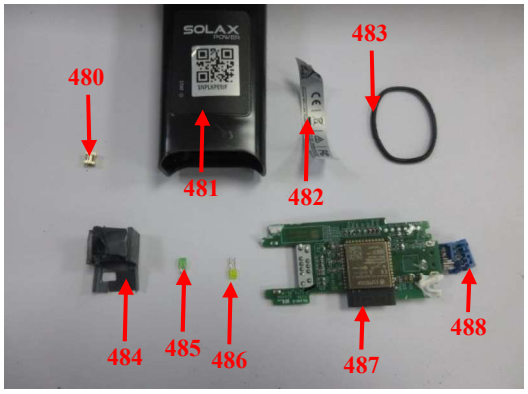

452
451
453
454
455
456
457


458
459


460
461
462
463
464
465
466


467
468
469
470
471
472


473
474
475
476
477
478
479


SOLAX
480
481
482
483
484
485
486
487
488


489
490
491
492
493
494
495


496


497
498


499

APPENDIX

Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
1	Triethyl arsenate*	15606-95-8	427-700-2	0.01	Carcinogenic
2	Anthracene	120-12-7	204-371-1	0.005	PBT
3	4,4'-Diaminodiphenyl methane (MDA)	101-77-9	202-974-4	0.005	Carcinogenic
4	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005	Toxic for reproduction Endocrine disrupting properties
5	Cobalt dichloride*	7646-79-9	231-589-4	0.01	Carcinogenic
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.01	Carcinogenic
7	Diarsenic trioxide*	1327-53-3	215-481-4	0.01	Carcinogenic
8	Sodium dichromate*	7789-12-0(1), 10588-01-9(2)	234-190-3	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.005	vPvB
10	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	Toxic for reproduction
11	Hexabromo cyclododecane (HBCDD) and all major diastereoisomers identified: α - HBCDD β - HBCDD γ - HBCDD	3194-55-6(3), 25637-99-4(4) 134237-50-6 134237-51-7 134237-52-8	247-148-4, 221-695-9	0.005	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	PBT, vPvB
13	Bis(tributyltin)oxide (TBTO)**	56-35-9	200-268-0	0.005	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.01	Carcinogenic; Toxic for reproduction
15	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005	Toxic for reproduction
16	2,4-Dinitrotoluene	121-14-2	204-450-0	0.005	Carcinogenic
17	Anthracene oil	90640-80-5	292-602-7	0.01	Carcinogenic, PBT, vPvB
18	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.01	Carcinogenic; Mutagenic, PBT, vPvB
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01	Carcinogenic; Mutagenic, PBT, vPvB
20	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01	Carcinogenic; Mutagenic, PBT, vPvB
21	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01	Carcinogenic; Mutagenic, PBT, vPvB
22	Diisobutyl phthalate	84-69-5	201-553-2	0.005	Toxic for reproduction
23	Aluminosilicate, Refractory Ceramic Fibres*a	Index no. 650-017-00-8		0.01	Carcinogenic
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres*b	Index no. 650-017-00-8		0.01	Carcinogenic
25	Lead chromate*	7758-97-6	231-846-0	0.01	Carcinogenic; Toxic for reproduction
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8	235-759-9	0.01	Carcinogenic; Toxic for reproduction
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7	0.01	Carcinogenic; Toxic for reproduction
28	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	204-118-5	0.005	Toxic for reproduction
29	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.01	Carcinogenic, PBT, vPvB
30	Acrylamide	79-06-1	201-173-7	0.005	Carcinogenic; Mutagenic
31	Trichloroethylene	79-01-6	201-167-4	0.005	Carcinogenic

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
32	Boric acid*	10043-35-3, 11113-50-1	233-139-2 / 234-343-4	0.01	Toxic for reproduction
33	Disodium tetraborate, anhydrous*	1330-43-3(5), 12179-04-3(6), 1303-96-4(7)	215-540-4	0.01	Toxic for reproduction
34	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.01	Toxic for reproduction
35	Sodium chromate*	7775-11-3	231-889-5	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
36	Potassium chromate*	7789-00-6	232-140-5	0.01	Carcinogenic; Mutagenic
37	Ammonium dichromate*	7789-09-5	232-143-1	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
38	Potassium dichromate*	7778-50-9	231-906-6	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
39	Cobalt(II) sulphate*	10124-43-3	233-334-2	0.01	Carcinogenic; Toxic for reproduction
40	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.01	Carcinogenic; Toxic for reproduction
41	Cobalt(II) carbonate*	513-79-1	208-169-4	0.01	Carcinogenic; Toxic for reproduction
42	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	Carcinogenic; Toxic for reproduction
43	2-Methoxyethanol	109-86-4	203-713-7	0.005	Toxic for reproduction
44	2-Ethoxyethanol	110-80-5	203-804-1	0.005	Toxic for reproduction
45	Chromium trioxide*	1333-82-0	215-607-8	0.01	Carcinogenic; Mutagenic
46	Acid generated from chromium trioxide and their oligomers: Chromic acid* Dichromic acid* Oligomers of chromic acid and dichromic acid*	 7738-94-5 13530-68-2 -	 231-801-5 236-881-5 -	0.01	Carcinogenic
47	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.005	Toxic for reproduction
48	Strontium Chromate*	7789-06-2	232-142-6	0.01	Carcinogenic
49	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester	68515-42-4	271-084-6	0.005	Toxic for reproduction
50	Hydrazine	302-01-2 7803-57-8	206-114-9	0.005	Carcinogenic
51	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.005	Toxic for reproduction
52	1,2,3-trichloropropane	96-18-4	202-486-1	0.005	Toxic for reproduction
53	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	276-158-1	0.005	Toxic for reproduction
54	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	Carcinogenic
55	Potassium hydroxyoctaoxodizincatedi-chromate*	11103-86-9	234-329-8	0.01	Carcinogenic
56	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.01	Carcinogenic
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.005	Carcinogenic
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.005	Toxic for reproduction
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	Carcinogenic
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	Equivalent level of concern
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	Carcinogenic
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.005	Toxic for reproduction

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
63	Arsenic acid*	7778-39-4	231-901-9	0.01	Carcinogenic
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	Carcinogenic
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	Carcinogenic; Toxic for reproduction
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	Toxic for reproduction
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	Carcinogenic
68	Phenolphthalein	77-09-8	201-004-7	0.005	Carcinogenic
69	Lead azide, Lead diazide*	13424-46-9	236-542-1	0.01	Toxic for reproduction
70	Lead styphnate*	15245-44-0	239-290-0	0.01	Toxic for reproduction
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	Toxic for reproduction
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.005	Toxic for reproduction
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.005	Toxic for reproduction
74	Diboron trioxide*	1303-86-2	215-125-8	0.01	Toxic for reproduction
75	Formamide	75-12-7	200-842-0	0.01	Toxic for reproduction
76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.01	Toxic for reproduction
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) §	2451-62-9	219-514-3	0.005	Mutagenic
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) §	59653-74-6	423-400-0	0.005	Mutagenic
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.005	Carcinogenic
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.005	Carcinogenic
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.005	Carcinogenic
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino) phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.005	Carcinogenic
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01	Carcinogenic
84	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol	561-41-1	209-218-2	0.005	Carcinogenic
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.005	Persistent, bioaccumulative and toxic; very persistent and very bioaccumulative
86	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.005	Toxic for reproduction
87	Methoxy acetic acid	625-45-6	210-894-6	0.005	Toxic for reproduction ; equivalent level of concern
88	Dibutyltin dichloride (DBT)*	683-18-1	211-670-0	0.01	Toxic for reproduction
89	1,2-Diethoxyethane	629-14-1	211-076-1	0.005	Toxic for reproduction
90	Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.01	Equivalent level of concern having probable serious effects to human health
91	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01	Equivalent level of concern having probable serious effects to human health

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
92	4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	0.005	Equivalent level of concern having probable serious effects to human health
93	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.005	Very persistent and very bioaccumulative
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear+	84777-06-0	284-032-2	0.005	Toxic for reproduction
95	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.005	Very persistent and very bioaccumulative
96	N-pentyl-isopentylphtalate (iPnPP)+	776297-69-9	-	0.005	Toxic for reproduction
97	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.005	Very persistent and very bioaccumulative
98	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.005	Equivalent level of concern
99	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.005	Very persistent and very bioaccumulative
100	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.01	Toxic for reproduction
101	Lead tetroxide (orange lead)*	1314-41-6	215-235-6	0.01	Toxic for reproduction
102	Diethyl sulphate	64-67-5	200-589-6	0.005	Carcinogenic; Mutagenic
103	Dinoseb	88-85-7	201-861-7	0.005	Toxic for reproduction
104	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.01	Toxic for reproduction
105	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.01	Toxic for reproduction
106	Furan	110-00-9	203-727-3	0.01	Carcinogenic
107	N-methylacetamide	79-16-3	201-182-6	0.005	Toxic for reproduction
108	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.005	Carcinogenic
109	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.01	Toxic for reproduction
110	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.005	Carcinogenic; Mutagenic
111	[Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)*	69011-06-9	273-688-5	0.01	Toxic for reproduction
112	Lead titanium trioxide*	12060-00-3	235-038-9	0.01	Toxic for reproduction
113	Lead oxide sulphate*	12036-76-9	234-853-7	0.01	Toxic for reproduction
114	Lead dinitrate*	10099-74-8	233-245-9	0.01	Toxic for reproduction
115	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.005	Carcinogenic
116	Lead cyanamidate*	20837-86-9	244-073-9	0.01	Toxic for reproduction
117	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.01	Toxic for reproduction
118	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.005	Carcinogenic
119	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.01	Toxic for reproduction
120	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	215-290-6	0.01	Toxic for reproduction
121	Dimethyl sulphate	77-78-1	201-058-1	0.005	Carcinogenic
122	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.01	Toxic for reproduction
123	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.01	Toxic for reproduction
124	Biphenyl-4-ylamine	92-67-1	202-177-1	0.005	Carcinogenic
125	Lead oxide (lead monoxide)*	1317-36-8	215-267-0	0.01	Toxic for reproduction
126	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.01	Toxic for reproduction
127	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.01	Carcinogenic; Mutagenic

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
128	Silicic acid, lead salt*	11120-22-2	234-363-3	0.01	Toxic for reproduction
129	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.01	Toxic for reproduction
130	o-aminoazotoluene	97-56-3	202-591-2	0.005	Carcinogenic
131	1-bromopropane	106-94-5	203-445-0	0.01	Toxic for reproduction
132	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.005	Carcinogenic
133	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.005	Carcinogenic
134	Tetraethyllead*	78-00-2	201-075-4	0.01	Toxic for reproduction
135	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.01	Toxic for reproduction
136	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.01	Toxic for reproduction
137	Diisopentylphthalate+	605-50-5	210-088-4	0.005	Toxic for reproduction
138	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.01	Equivalent level of concern having probable serious effects to human health
139	Cadmium	7440-43-9	231-152-8	0.01	Carcinogenic; Equivalent level of concern
140	Cadmium oxide*	1306-19-0	215-146-2	0.01	Carcinogenic; Equivalent level of concern
141	Dipentyl phthalate (DPP) +	131-18-0	205-017-9	0.005	Toxic for reproduction
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-	0.005	Equivalent level of concern
143	Ammonium pentadecafluorooctanoate (APFO) ≠	3825-26-1	223-320-4	0.005	Toxic for reproduction; PBT
144	Pentadecafluorooctanoic acid (PFOA) ≠	335-67-1	206-397-9	0.005	Toxic for reproduction; PBT
145	Cadmium sulphide	1306-23-6	215-147-8	0.01	Carcinogenic; Equivalent level of concern
146	Dihexyl phthalate	84-75-3	201-559-5	0.005	Toxic for reproduction
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.005	Carcinogenic
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.005	Carcinogenic
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.005	Toxic for reproduction
150	Lead diacetate*	301-04-2	206-104-4	0.01	Toxic for reproduction
151	Trixylyl phosphate	25155-23-1	246-677-8	0.005	Toxic for reproduction
152	Cadmium chloride*	10108-64-2	233-296-7	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear++	68515-50-4	271-093-5	0.005	Toxic for reproduction
154	Sodium peroxometaborate*	7632-04-4	231-556-4	0.01	Toxic for reproduction
155	Sodium perborate; perboric acid, sodium salt*	-	239-172-9; 234-390-0	0.01	Toxic for reproduction
156	Cadmium fluoride *	7790-79-6	232-222-0	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
157	Cadmium sulphate *	10124-36-4; 31119-53-6	233-331-6	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.005	PBT; vPvB
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.005	PBT; vPvB
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) +++	15571-58-1	239-622-4	0.01	Toxic for Reproduction
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) +++	-	-	0.01	Toxic for Reproduction
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01	Toxic for reproduction
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	-	0.01	Very persistent and very bioaccumulative
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	Carcinogenic
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.005	vPvB
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.005	vPvB
167	Nitrobenzene	98-95-3	202-716-0	0.01	Toxic for reproduction
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01	Toxic for reproduction; PBT
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.005	Carcinogenic; Mutagenic; Toxic for Reproduction; PBT; vPvB
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.005	Toxic for reproduction Endocrine disrupting properties-environment & human health
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts/	-	-	0.005	Toxic for reproduction; PBT
172	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	0.005	Equivalent level of concern having probable serious effects to the environment
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.005	Equivalent level of concern having probable serious effects to the environment
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	-	0.005	vPvB

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear(4-HPbl)]	-	-	0.01	Endocrine disrupting properties-environment
176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	0.01	vPvB
177	Chrysene	218-01-9 1719-03-5	205-923-4	0.005	Carcinogenic; PBT; vPvB
178	Cadmium nitrate*	10022-68-1 10325-94-7	233-710-6	0.01	Carcinogenic; Mutagenic Specific target organ toxicity after repeated exposure
179	Cadmium hydroxide*	21041-95-2	244-168-5	0.01	Carcinogenic; Mutagenic Specific target organ toxicity after repeated exposure
180	Cadmium carbonate*	513-78-0	208-168-9	0.01	Carcinogenic; Mutagenic Specific target organ toxicity after repeated exposure
181	Benz[a]anthracene	56-55-3 1718-53-2	200-280-6	0.005	Carcinogenic; PBT; vPvB
182	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.005	vPvB
183	Octamethylcyclotetrasiloxane(D4)	556-67-2	209-136-7	0.005	PBT; vPvB
184	Lead	7439-92-1	231-100-4	0.01	Toxic for reproduction
185	Ethylenediamine (EDA)	107-15-3	203-468-6	0.005	Respiratory sensitising properties
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.005	PBT; vPvB
187	Disodium octaborate*	12008-41-2	234-541-0	0.005	Toxic for reproduction
188	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.005	Toxic for reproduction; Endocrine disrupting properties
189	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.005	PBT; vPvB
190	Benzo[ghi]perylene	191-24-2	205-883-8	0.005	PBT; vPvB
191	Benzene-1,2,4- tricarboxylic acid 1,2 anhydride (TMA)	552-30-7	209-008-0	0.005	Respiratory sensitising properties
192	Pyrene	129-00-0 1718-52-1	204-927-3	0.005	PBT; vPvB
193	Phenanthrene	85-01-8	201-581-5	0.005	vPvB
194	Fluoranthene	206-44-0 93951-69-0	205-912-4	0.005	PBT; vPvB
195	Benzo[k]fluoranthene	207-08-9	205-916-6	0.005	Carcinogenic; PBT; vPvB
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.005	Toxic for reproduction
197	1,7,7-trimethyl-3-(phenylmethylene)-Bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.005	Endocrine disrupting properties
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-	0.01	Equivalent level of concern having probable serious effects to human health Equivalent level of concern having probable serious effects to the environment
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01	Toxic for reproduction
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ⩾ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.01	Endocrine disrupting properties
201	4-tert-butylphenol	98-54-4	202-679-0	0.005	Endocrine disrupting properties

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.005	Toxic for reproduction
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.005	Toxic for reproduction
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.005	Toxic for reproduction
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	0.005	Equivalent level of concern having probable serious effects on the environment and human health
206	1-vinylimidazole	1072-63-5	214-012-0	0.005	Toxic for reproduction
207	2-methylimidazole	693-98-1	211-765-7	0.005	Toxic for reproduction
208	Dibutylbis(pentane-2,4-dionato-O,O')tin +++	22673-19-4	245-152-0	0.01	Toxic for reproduction
209	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.005	Equivalent level of concern having probable serious effects on the human health - Endocrine disrupting properties
210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.01	Toxic for reproduction
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	0.01	Toxic for reproduction
212	1,4-dioxane	123-91-1	204-661-8	0.01	Equivalent level of concern having probable serious effects on the environment and human health
213	2,2-bis(bromomethyl)propane1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.01	Carcinogenic
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	0.01	Toxic for reproduction
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	201-025-1	0.01	Endocrine disrupting properties - environment and human health
216	Glutaral	111-30-8	203-856-5	0.01	Respiratory sensitising properties - human health
217	Medium-chain chlorinated paraffins [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] (MCCP)	-	-	0.01	PBT; vPvB
218	Orthoboric acid, sodium salt*	13840-56-7	237-560-2	0.01	Toxic for reproduction
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	0.01	Toxic for reproduction; Endocrine disrupting properties-environment & human health
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	0.01	Equivalent level of concern having probable serious effects on human health
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.01	Toxic for reproduction

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
222	S-(tricyclo[5.2.1.0'2,6] deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.01	PBT
223	Tris(2-methoxyethoxy) vinylsilane	1067-53-4	213-934-0	0.01	Toxic for reproduction
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01	Carcinogenic; Mutagenic
225	1,1'-[ethane-1,2-diylbisoxy]bis|2.4,6-tribromobenzenel	37853-59-1	253-692-3	0.01	vPvB
226	2.2' 6.6'-tetrabromo-4 4'.isopropylidenediphenol	79-94-7	201-236-9	0.01	Carcinogenic
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.01	Toxic for reproduction Endocrine disrupting properties-environment & human health
228	Barium diboron tetraoxide*	13701-59-2	237-222-4	0.01	Toxic for reproduction
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	0.01	vPvB
230	Isobutyl4-hydroxybenzoate	4247-02-3	224-208-8	0.01	Endocrine disrupting properties-human health
231	Melamine	108-78-1	203-615-4	0.01	Equivalent level of concern having probable serious effects on the environment and human health
232	Perfluoroheptanoic acid and its salts	-	-	0.01	Toxic for reproduction PBT vPvB Equivalent level of concern having probable serious effects on the environment and human health
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-y)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropy])morpholine	-	473-390-7	0.01	vPvB
234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01	vPvB
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.01	Toxic for reproduction
236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.005	Toxic for reproduction PBT vPvB
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	221-573-5	0.005	vPvB
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.005	Toxic for reproduction
239	Bumetrizole	3896-11-5	223-445-4	0.005	vPvB
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	700-960-7	0.005	vPvB
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.005	Toxic for reproduction
242	Triphenyl phosphate	115-86-6	204-112-2	0.005	Endocrine disrupting properties - environment

The 2 Substances Specified by Client - The Additional Dangerous Substances of Decree No. 2021-1285

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
The Additional Dangerous Substances of Decree No. 2021-1285					
243	1,3-Benzenediol (Resorcinol)	108-46-3	/	0.005	/
244	Diisooctyl Phthalate (DIOP)	27554-26-3	/	0.005	/

(1) CAS no. 7789-12-0 refers to sodium dichromate dihydrate

(2) CAS no. 10588-01-9 refers to anhydrous sodium dichromate

(3) CAS no. 3194-55-6 refers to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane

(4) CAS no. 25637-99-4 refers to unspecific HBCDD isomer composition

(5) CAS no. 1330-43-4 refers to disodium tetraborate, anhydrous

(6) CAS no. 12179-04-3 refers to sodium tetraborate, pentahydrate

(7) CAS no. 1303-96-4 refers to sodium tetraborate, decahydrate

Remark:

1. PBT = Persistent, bio accumulative and toxic as defined in Regulation (EC) No 1907/2006
2. vPvB = Very persistent and very bio accumulative as defined in Regulation (EC) No 1907/2006
3. ND = Not Detected
4. *Result is based on the heavy metal or inorganic element concentration. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
5. **Result is identified by tributyltin (TBT). Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
6. §TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) and β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) are reported as a mixture.
7. [a]Refer to Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm) c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight.
8. [b]Refer to Zirconia Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight.
9. [+][1,2-Benzenedicarboxylic acid, dipentylester, branched and linear] is a mixture of phthalates contains DPP, DIPP and N-pentyl-isopentylphtalate.
10. [#]PFOA and APFO are reported together. The result is based on PFOA concentration. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
11. [++][1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear] is a mixture of phthalates contains dihexyl phthalate.
12. [+++]Result is based on the tin metal concentration, and further confirmation for checking DBT, DOTE & MOTE concentration.

END

Annex

The client declared that the materials used of below Styles are same as tested style.

X3-AELIO-50K, X3-AELIO-60K, X3-AELIO-49.9K, X3-AELIO-49.9K-P, X3-AELIO-49K, X3-AELIO-39K

Remark:
Since the client was not able to provide the sample of additional Style, above additional Style(s) hasn't been tested, but only based on the guarantee letter provided by the client. Bureau Veritas-CPS takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.