

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

Udd`jWJbhUgŁ fH\Y`Zc`ck]b[`gUa d`YfgŁk Ug#k YfY`gi Va]hhYX`UbX`jXYbh]ZYX`Vmh\Y

(Sample Submitted By) : (ACPA TECHNOLOGY CO., LTD.)

(Sample Name) : SURGE ARRESTER ()

(Style/Item No.) : GDT 3216 4532 AED8 AED12 AED17 20D 2S 2SS 2SSM
 2SM 2SF 2SN 2SR 2SRxxxSQ 2R 2RxxxLS 2RxxxSM 2RxxxH
 2RxxxXP 2RC 2RF 2RN 2RS 2RM 2N 2T 2H 2Z 3SM
 3SMxxxT76 3SMxxxT76SQ 3SSM 3RSM 3RSSM 3RM 3R 3RxxxSQ
 5D3 6D5 8D3 8D4-N3 8D4-N4 8D4-N5 10D3 10D5 12D5
 12D8 12D12 12D17 12D18 16D3 16D5 16D5-N 18D7 20D6
 20D10 25D10 25D10-W 25D21-M8 30D12

(Sample Receiving Date) : 26-Feb-2024
 (Testing Period) : 26-Feb-2024 to 04-Mar-2024

fHYghFYei YghYXŁ : REACH Regulation (EC) No 1907/2006 (As specified by client, the sample(s) was/were tested with reference to Regulation (EC) No 1907/2006 concerning the REACH.)
 240 2024 01 23 (240 Substances of Very High Concern (SVHC). Candidate list is published on January 23, 2024)

fHYghFYgi`hgŁ : (Please refer to following pages).

fGi a a UfmrŁ : REACH
 236 (SVHC) 0.1%(w/w) (According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope as well as analytical technique, the test results of 236 items in the selected component article are 0.1% (w/w).)
 See note 24. N/A *



PIN CODE: B360C87D

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(No.): ETR24205327

(Date): 05-Mar-2024

(Page): 2 of 25

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,

TAIWAN)

- No.1 :
- No.2 :
- No.3 :
- No.4 :
- No.5 :
- No.6 :
- No.7 :
- No.8 :
- No.9 :
- No.10 :

RSTS-EE-SVHC-007

中華民國 113 年 3 月 5 日

第 1 頁 共 1 頁

項目	單位	結果	備註
() (Cobalt(II) carbonate)*** (CAS No.: 513-79-1)	-	n.d.	0.1
() (Cobalt(II) diacetate)*** (CAS No.: 71-48-7)	-	N/A*	0.1
() (Cobalt(II) dinitrate)*** (CAS No.: 10141-05-6)	-	N/A*	0.1
	-	N/A*	0.1
	-	n.d.	0.1

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TAIWAN)

(Substance Name)	RL	(Concentration)	(Limit)
		No.3	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

(Substance Name)	RL	(Concentration)	(Limit)
		No.4	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

(Substance Name)	RL	(Concentration)	(Limit)
		No.5	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

(Substance Name)	RL	(Concentration)	(Limit)
		No.6	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

(Substance Name)	RL	(Concentration)	(Limit)
		No.7	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

(Substance Name)	RL	(Concentration)	(Limit)
		No.8	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

(Substance Name)	RL	(Concentration)	(Limit)
		No.9	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,

TAIWAN)

(Substance Name)	RL	(Concentration)	(Limit)
		No.10	
(SVHC) (All tested SVHC in candidate list)	-	n.d.	0.1

FYa Uf_

- (SVHC) Candidate List of SVHC (2024/01/23)
<https://echa.europa.eu/web/guest/candidate-list-table>
- Regulation (EC) No 1907/2006 7 2 57 59(1)
 (ECHA)
 (a) 1
 (b) 0.1%

In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 2 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation,

if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).

- Regulation (EC) No 1907/2006 33 57 59(1)
 0.1wt% ()

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a 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.

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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

4.	REACH No.1907/2006	0.1% (w/w) /	(EC)No.1272/2008 CLP (SDS)	
(I)	(EC)No.1272/2008 CLP			
(II)	(EC)No.1272/2008 CLP			(EC)No.1272/2008 CLP ;
(III)	(EC)No.1272/2008 CLP			
(a)		()	1 (w/w)	0.2
(b)	PBT vPvB	()	0.1 (w/w)	
(c)		()	0.1 (w/w)	
(d)				

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- (I) a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- (II) mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- (III) a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
 - (a) a substance posing human health or environmental hazards in an individual concentration of 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or 0.2 % by volume for gaseous mixtures; or
 - (b) a substance that is PBT, or vPvB in an individual concentration of 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
 - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of 0.1 % by weight for non-gaseous mixtures; or
 - (d) a substance for which there are Europe-wide workplace exposure limits

5. SVHC SVHC SVHC
 If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

- fB chYt
1. mg/kg = ppm 0.1wt% = 0.1% = 1000ppm
 2. RL = Reporting Limit ()
 3. n.d. = Not Detected (); RL (Less than RL)
 4. "-" = Not Regulated ()
 5. (*): (CAS No.: 7789-12-0) = × 1.1375
 (conc. of Sodium dichromate dihydrate = conc. of sodium dichromate × 1.1375)
 6. (**): (The concentrations of above-mentioned mixtures are evaluated per the gained composition rate between the selected marks and the mixtures.)

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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

7. ***:

(The substance was calculated by the test results of Monoctyl Tin, Dioctyl Tin, Tributyl Tin, Dibutyl Tin, PFOA or element (Ex. Arsenic, Lead, Cr(VI), Boron, Cobalt, Barium, Cadmium respectively).)

# (Substance Name / Specific Element(s))	RL	(Concentration)	
		No.1	No.2
(Tributyl Tin) (TBT)	0.0487	n.d.	n.d.
(Arsenic) (As) (E)	0.005	n.d.	n.d.
(Hexavalent chromium) (Cr(VI))	0.005	n.d.	n.d.
(Boron) (B) (E)	0.005	n.d.	n.d.
(Cobalt) (Co)	0.005	n.d.	0.0325
(Dibutyl Tin) (DBT)	0.027	n.d.	n.d.
(Barium) (Ba)	0.005	n.d.	n.d.
(Dioctyl Tin) (DOT)	0.023	n.d.	n.d.
(Monoctyl Tin) (MOT)	0.0138	n.d.	n.d.
(Lead) (Pb)	0.005	n.d.	n.d.
(Cadmium) (Cd)	0.005	n.d.	n.d.

# (Substance Name / Specific Element(s))	RL	(Concentration)	
		No.3	No.4
(Tributyl Tin) (TBT)	0.0487	n.d.	n.d.
(Arsenic) (As) (E)	0.005	n.d.	n.d.
(Hexavalent chromium) (Cr(VI))	0.005	n.d.	n.d.
(Boron) (B) (E)	0.005	n.d.	n.d.
(Cobalt) (Co)	0.005	n.d.	n.d.
(Dibutyl Tin) (DBT)	0.027	n.d.	n.d.
(Barium) (Ba)	0.005	n.d.	n.d.
(Dioctyl Tin) (DOT)	0.023	n.d.	n.d.
(Monoctyl Tin) (MOT)	0.0138	n.d.	n.d.
(Lead) (Pb)	0.005	n.d.	n.d.
(Cadmium) (Cd)	0.005	n.d.	n.d.

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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,
TAIWAN)

# (Substance Name / Specific Element(s))	RL	(Concentration)	
		No.5	No.6
(Tributyl Tin) (TBT)	0.0487	n.d.	n.d.
(Arsenic) (As) (E)	0.005	n.d.	n.d.
(Hexavalent chromium) (Cr(VI))	0.005	n.d.	n.d.
(Boron) (B) (E)	0.005	n.d.	n.d.
(Cobalt) (Co)	0.005	n.d.	n.d.
(Dibutyl Tin) (DBT)	0.027	n.d.	n.d.
(Barium) (Ba)	0.005	n.d.	n.d.
(Diocetyl Tin) (DOT)	0.023	n.d.	n.d.
(Monooctyl Tin) (MOT)	0.0138	n.d.	n.d.
(Lead) (Pb)	0.005	n.d.	n.d.
(Cadmium) (Cd)	0.005	n.d.	n.d.

# (Substance Name / Specific Element(s))	RL	(Concentration)	
		No.7	No.8
(Tributyl Tin) (TBT)	0.0487	n.d.	n.d.
(Arsenic) (As) (E)	0.005	n.d.	n.d.
(Hexavalent chromium) (Cr(VI))	0.005	n.d.	n.d.
(Boron) (B) (E)	0.005	n.d.	n.d.
(Cobalt) (Co)	0.005	n.d.	n.d.
(Dibutyl Tin) (DBT)	0.027	n.d.	n.d.
(Barium) (Ba)	0.005	n.d.	n.d.
(Diocetyl Tin) (DOT)	0.023	n.d.	n.d.
(Monooctyl Tin) (MOT)	0.0138	n.d.	n.d.
(Lead) (Pb)	0.005	n.d.	n.d.
(Cadmium) (Cd)	0.005	n.d.	n.d.

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

# (Substance Name / Specific Element(s))	RL	(Concentration)	
		No.9	No.10
(Tributyl Tin) (TBT)	0.0487	n.d.	n.d.
(Arsenic) (As) (E)	0.005	n.d.	n.d.
(Hexavalent chromium) (Cr(VI))	0.005	n.d.	n.d.
(Boron) (B) (E)	0.005	n.d.	n.d.
(Cobalt) (Co)	0.005	n.d.	n.d.
(Dibutyl Tin) (DBT)	0.027	n.d.	n.d.
(Barium) (Ba)	0.005	n.d.	n.d.
(Diocetyl Tin) (DOT)	0.023	n.d.	n.d.
(Monooctyl Tin) (MOT)	0.0138	n.d.	n.d.
(Lead) (Pb)	0.005	n.d.	n.d.
(Cadmium) (Cd)	0.005	n.d.	n.d.

8. F & (F Parameter Conversion Table & Classification):

https://eecloud.sgs.com/Region_TW/DocDownload.aspx?name=Others

9. (P):

(Regarding the compound containing Cr(VI) and lead, lead and Cr(VI) are tested and respectively used for the calculation of the independent concentration of the compound containing Cr(VI) and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)

10. (C):

(Oligomers of chromic acid and dichromic acid : since the oligomers are made of the unknown amount of chromic acid or dichromic acid that results in no fixed molecular weight, therefore the monomer of chromic acid or dichromic acid is relevant and considered.)

11. (H):

(Tetraboron disodium heptaoxide, hydrate: Only anhydrous form of disodium tetraborate is relevant and considered according to ECHA explanation (Ref no.: INC 000000032519).)

12. (S):

(Regarding the compound containing arsenic and lead, lead and arsenic are tested and respectively used for the calculation of the independent concentration of the compound containing arsenic and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)

13. (T):

TGIC -TGIC ECHA -TGIC TGIC 1:10 -TGIC 1/10 TGIC (TGIC is a mixture and also contains -TGIC. According to the ECHA's technical dossier the ratio of -TGIC to TGIC is around 1 to 10. Therefore -TGIC is issued based on the above-mentioned ratio.)

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14. (B): (Only if both qualitative results of lead and silicon are positive, the test result of the compound will be calculated based on the concentration of barium.)
15. (R): RP-HP RP-HP SVHC 4-HPbl 4-HPbl RP-HP
 HP (RP-HP can't be identified directly and test result can't be calculated based on specific element(s) or compound. RP-HP is identified as SVHC because of 4-HPbl, therefore 4-HPbl is analysed instead of RP-HP.)
16. (): (Since lead has a wide application, it is unlikely to determine if the detected lead comes from the lead ion, lead element or/ and lead compounds. Therefore the detected total lead is used on behalf of lead.)
17. (U): ; ; ; ; ; (1:1) (CAS No.: 25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 13840-56-7; 14890-53-0) (CAS No.: 13840-56-7) F
 11.8215 (Boric acid (H3BO3), sodium salt, hydrate; Boric acid (H3BO3), disodium salt; Trisodium orthoborate; Boric acid, sodium salt; Orthoboric acid, sodium salt; Boric acid (H3BO3), sodium salt (1:1) (CAS No.: 25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 13840-56-7; 14890-53-0). The calculation is based on the largest molecular weight of Orthoboric acid, sodium salt (CAS No.: 13840-56-7). The F Parameter is 11.8215.)
18. (D): (Regarding the compound containing Boron and lead, lead and Boron are tested and respectively used for the calculation of the independent concentration of the compound containing Boron and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)
19. (G): (The compound is qualitatively screened first. When there is a signal of the compound, specific elements Sulfur and Phosphorus are used to calculate the concentration of compound.)
20. (I): (A specific index compound is qualitatively screened first. After the evaluation, and the specific signal is positive, the total Fluorine is used to calculate the concentration of SVHC compound.)
21. (A): (Regarding the compound containing Boron and Barium, Barium and Boron are tested and respectively used for the calculation of the independent concentration of the compound containing Boron and Barium. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.)
22. (E): / (The extracted soluble Boron / Arsenic are detected by ICP-OES.)
23. ILAC-G8:09/2019 (w=0)
 (Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)

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(No.): ETR24205327

(Date): 05-Mar-2024

(Page): 10 of 25

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

24. N/A* = SVHC (1) SVHC SVHC N/A*

(Not Applicable to direct analysis. The item can't directly be identified. Therefore the specific element(s) of SVHC was analysed according to the recommendation from the ECHA. The submitted sample was found to contain detectable amount of specific element(s) (Table 1). Upon further test verification or information provided from the client, the source of the detectable specific element(s) can't be identified from SVHC. Therefore the test result is expressed as N/A*.)

25. 10 (This report is combined with 10 copies of test reports which provided by client.)

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(No.): ETR24205327

(Date): 05-Mar-2024

(Page): 11 of 25

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,

TAIWAN)

Sample No.:

Sample Name:

Sample Description:

Reference:

No.	(Substance Name)	RL
1.	4,4' - (4,4'- Diaminodiphenylmethane) (MDA) (CAS No.: 101-77-9)	0.05
2.	(5-tert-butyl-2,4,6-trinitro-m-xylene) (Musk Xylene) (CAS No.: 81-15-2)	0.05
3.	(Alkanes, C10-13, chloro) (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.05
4.	(Anthracene) (CAS No.: 120-12-7)	0.05
5.	(Benzyl butyl phthalate) (BBP) (CAS No.: 85-68-7)	0.05
6.	(Bis(tributyltin) oxide) (TBTO)*** (CAS No.: 56-35-9)	-
7.	(Diarsenic pentaoxide)*** (CAS No.: 1303-28-2)	-
8.	(Diarsenic trioxide)*** (CAS No.: 1327-53-3)	-
9.	(Dibutyl phthalate) (DBP) (CAS No.: 84-74-2)	0.05
10.	(Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (- HBCDD, - HBCDD, - HBCDD)) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	0.05
11.	(Lead hydrogen arsenate)*** (CAS No.: 7784-40-9) (- S)	-
12.	(Sodium dichromate)*** (CAS No.: 10588-01-9, 7789-12-0) (*)	-
13.	(Triethyl arsenate)*** (CAS No.: 15606-95-8)	-
14.	(2-) (Bis (2-ethylhexyl)phthalate) (DEHP) (CAS No.: 117-81-7)	0.05
15.	2,4- (2,4-Dinitrotoluene) (CAS No.: 121-14-2)	0.05
16.	(Anthracene oil) (CAS No.: 90640-80-5) (**)	0.05
17.	(Anthracene oil, anthracene paste) (CAS No.: 90640-81-6) (**)	0.05
18.	(Anthracene oil, anthracene paste, anthracene fraction) (CAS No.: 91995-15-2) (**)	0.05
19.	(Anthracene oil, anthracene paste, distn. Lights) (CAS No.: 91995-17-4) (**)	0.05
20.	(Anthracene oil, anthracene-low) (CAS No.: 90640-82-7) (**)	0.05
21.	(Diisobutyl phthalate) (DIBP) (CAS No.: 84-69-5)	0.05
22.	(Lead chromate)*** (CAS No.: 7758-97-6) (- P)	-
23.	: 104 (Lead chromate molybdate sulphate red (C.I. Pigment Red 104))*** (CAS No.: 12656-85-8) (- P)	-
24.	: 34 (Lead sulfochromate yellow (C.I. Pigment Yellow 34))*** (CAS No.: 1344-37-2) (- P)	-
25.	(Pitch, coal tar, high-temp.) (CAS No.: 65996-93-2) (**)	0.05
26.	(2-) (Tris(2-chloroethyl) phosphate) (TCEP) (CAS No.: 115-96-8)	0.05
27.	(Acrylamide) (CAS No.: 79-06-1)	0.05

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,

TAIWAN)

No.	(Substance Name)	RL
28.	(Ammonium dichromate)*** (CAS No.: 7789-09-5)	-
29.	(Boric acid)*** (CAS No.: 10043-35-3, 11113-50-1)	-
30.	(Disodium tetraborate, anhydrous)*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-
31.	(Potassium chromate)*** (CAS No.: 7789-00-6)	-
32.	(Potassium dichromate)*** (CAS No.: 7778-50-9)	-
33.	(Sodium chromate)*** (CAS No.: 7775-11-3)	-
34.	(Tetraboron disodium heptaoxide, hydrate) (CAS No.: 12267-73-1) (H)	-
35.	(Trichloroethylene) (CAS No.: 79-01-6)	0.05
36.	(2-Ethoxyethanol) (CAS No.: 110-80-5)	0.05
37.	(2-Methoxyethanol) (CAS No.: 109-86-4)	0.05
38.	: (Acids generated from chromium trioxide and their oligomers: Chromic acid)*** (CAS No.: 7738-94-5)	-
	: (Acids generated from chromium trioxide and their oligomers: Dichromic acid)*** (CAS No.: 13530-68-2)	-
	: (Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid) (C)	-
39.	(Chromium trioxide)*** (CAS No.: 1333-82-0)	-
40.	() (Cobalt(II) carbonate)*** (CAS No.: 513-79-1)	-
41.	() (Cobalt(II) diacetate)*** (CAS No.: 71-48-7)	-
42.	() (Cobalt(II) dinitrate)*** (CAS No.: 10141-05-6)	-
43.	() (Cobalt(II) sulphate)*** (CAS No.: 10124-43-3)	-
44.	1,2,3- (1,2,3-trichloropropane) (CAS No.: 96-18-4)	0.05
45.	(C6-8) C7 (1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich) (DIHP) (CAS No.: 71888-89-6)	0.05
46.	(C7-11) (1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters) (DHNUP) (CAS No.: 68515-42-4)	0.05
47.	N- (1-Methyl-2-pyrrolidone) (NMP) (CAS No.: 872-50-4)	0.05
48.	(2-Ethoxyethyl acetate) (CAS No.: 111-15-9)	0.05
49.	(Hydrazine) (CAS No.: 7803-57-8, 302-01-2)	0.05
50.	(Strontium chromate)*** (CAS No.: 7789-06-2)	-
51.	(Cobalt dichloride) (CAS No.: 7646-79-9)	0.005
52.	1,2- (1,2-Dichloroethane) (CAS No.: 107-06-2)	0.05
53.	4,4'- (2-) (2,2'-dichloro-4,4'-methylenedianiline) (CAS No.: 101-14-4)	0.05

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(No.): ETR24205327

(Date): 05-Mar-2024

(Page): 13 of 25

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,
TAIWAN)

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.	(Substance Name)	RL
77.	(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) (TGIC) (CAS No.: 59653-74-6)	0.05
78.	(4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol) [with 0.1% of Michler's ketone or Michler's base] (CAS No.: 561-41-1)	0.05
79.	(4,4'-bis(dimethylamino)benzophenone (Michler's ketone)) (CAS No.: 90-94-8)	0.05
80.	(Diboron trioxide)*** (CAS No.: 1303-86-2)	-
81.	(Formamide) (CAS No.: 75-12-7)	0.05
82.	(Lead(II) bis(methanesulfonate))*** (CAS No.: 17570-76-2)	-
83.	(N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)) (CAS No.: 101-61-1)	0.05
84.	(1-methanol (C.I. Solvent Blue 4) [with 0.1% of Michler's ketone or Michler's base]) (CAS No.: 6786-83-0)	0.05
85.	([Phthalato(2-)]dioxo trilead)*** (CAS No.: 69011-06-9)	-
86.	(1,2-Benzenedicarboxylic acid, dipentylester, branched and linear) (CAS No.: 84777-06-0)	0.05
87.	(1,2-Diethoxyethane) (CAS No.: 629-14-1)	0.05
88.	(1-bromopropane (n-propyl bromide)) (CAS No.: 106-94-5)	0.05
89.	(3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine) (CAS No.: 143860-04-2)	0.05
90.	(4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues])	0.05
91.	(4,4'-Methylenedi-o-toluidine) (CAS No.: 838-88-0)	0.05
92.	(4,4'-Oxydianiline and its salts) (CAS No.: 101-80-4)	0.05
93.	(4-Aminoazobenzene) (CAS No.: 60-09-3)	0.05
94.	(2,4-Diaminotoluene) (CAS No.: 95-80-7)	0.05
95.	UVCB (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])	0.05
96.	(6-methoxy-m-toluidine (p-cresidine)) (CAS No.: 120-71-8)	0.05
97.	(Acetic acid, lead salt, basic)*** (CAS No.: 51404-69-4)	-
98.	(Biphenyl-4-ylamine) (CAS No.: 92-67-1)	0.05

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237,
TAIWAN)

No.	(Substance Name)	RL
99.	(Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)) (CAS No.: 1163-19-5)	0.05
100.	(Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2- dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05
101.	[] (Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) (CAS No.: 123-77-3)	0.05
102.	(Dibutyltin dichloride) (DBTC)*** (CAS No.: 683-18-1)	-
103.	(Diethyl sulphate) (CAS No.: 64-67-5)	0.05
104.	(Diisopentyl phthalate) (CAS No.: 605-50-5)	0.05
105.	(Dimethyl sulphate) (CAS No.: 77-78-1)	0.05
106.	2-(1-)-4,6- (Dinoseb (6-sec-butyl-2,4-dinitrophenol)) (CAS No.: 88-85-7)	0.05
107.	() (Dioxobis(stearato)trilead)*** (CAS No.: 12578-12-0)	-
108.	C16-18- (Fatty acids, C16-18, lead salts)*** (CAS No.: 91031-62-8)	-
109.	(Furan) (CAS No.: 110-00-9)	0.05
110.	(Henicosaflluoroundecanoic acid) (CAS No.: 2058-94-8)	0.05
111.	(Hep tacosaflluoro tetradecanoic acid) (CAS No.: 376-06-7)	0.05
112.	(Hexahydromethylphthalic anhydride) (CAS No.: 25550-51-0)	0.05
4-	(Hexahydro-4-methylphthalic anhydride) (CAS No.: 19438-60-9)	
3-	(Hexahydro-3-methylphthalic anhydride) (CAS No.: 57110-29-9)	
1-	(Hexahydro-1-methylphthalic anhydride) (CAS No.: 48122-14-1)	
113.	(II) (Lead bis(tetrafluoroborate)*** (CAS No.: 13814-96-5) (D)	-
114.	(Lead cyanamide)*** (CAS No.: 20837-86-9)	-
115.	(Lead dinitrate)*** (CAS No.: 10099-74-8)	-
116.	(Lead monoxide) (lead oxide)*** (CAS No.: 1317-36-8)	-
117.	(Lead oxide sulfate)*** (CAS No.: 12036-76-9)	-
118.	(Lead titanium trioxide)*** (CAS No.: 12060-00-3)	-
119.	(Lead Titanium Zirconium Oxide)*** (CAS No.: 12626-81-2)	-
120.	(Methoxyacetic acid) (CAS No.: 625-45-6)	0.05
121.	(Methyloxirane (Propylene oxide)) (CAS No.: 75-56-9)	0.05
122.	N,N - (N,N-dimethylformamide; dimethyl formamide) (CAS No.: 68-12-2)	0.05
123.	N - (N-methylacetamide) (CAS No.: 79-16-3)	0.05
124.	(n-pentyl-isopentylphthalate) (CAS No.: 776297-69-9)	0.05
125.	(o-aminoazotoluene) (CAS No.: 97-56-3)	0.05

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(No.): ETR24205327

(Date): 05-Mar-2024

(Page): 16 of 25

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.

126.

127.

128.

129.

130.

131.

132.

133.

134. (Tetraethyllead)*** (CAS No.: 78-00-2)

135.

136.

137. (Trilead bis(carbonate) dihydroxide (basic lead carbonate))*** (CAS No.: 1319-46-6)

138. (Trilead dioxide phosphonate)*** (CAS No.: 12141-20-7)

139.

140.

141. (Cadmium) (Cd) (CAS No.: 7440-43-9)

142.

143.

144.

145.

146.

147.

148.

149.

150.

151.

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.	(Substance Name)	RL
152.	() (1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear) (CAS No.: 68515-50-4)	0.05
153.		-
154.	(Sodium perborate; perboric acid, sodium salt)***	-
155.	(Sodium peroxometaborate)*** (CAS No.: 7632-04-4)	-
156.		
157.		0.05
158.		
159.	(Cadmium fluoride)*** (CAS No.: 7790-79-6)	
160.	(Cadmium sulphate)*** (CAS No.: 10124-36-4, 31119-53-6)	
161.	- (2-) - (2-) (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))***	
162.	(C6-10) ; ; 0.3% (1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with 0.3% of dihexyl phthalate) (CAS No.: 68515-51-5, 68648-93-1)	
163.	5- -2-(2,4- -3- -1-)-5- -1,3- [1],5- -2-(4,6- -3- -1-)-5- -1,3- [2],[[1] [2]] (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)-	0.05
164.	1,3- (1,3-propanesultone) (CAS No.: 1120-71-4)	0.05
165.	2,4- - -6-(5- -2H- -2-) (327) (2,4-di-tert-butyl-6-(5-chlorobenzo triazol-2-yl)phenol) (UV-327) (CAS No.: 3864-99-1)	0.05
166.		0.05
167.		0.05
168.		
169.		

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.	(Substance Name)	RL
170.	A (4,4'-isopropylidenediphenol) (Bisphenol A) (CAS No.: 80-05-7)	0.05
171.	4- (4-HPbl) 7 7 UVCB (4-Heptylphenol, branched and linear (4-HPbl) [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])	0.05
172.	(Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts) (CAS No.: 3108-42-7, 335-76-2, 3830-45-3)	0.05
173.	(1,1-) (p-(1,1-dimethylpropyl)phenol) (CAS No.: 80-46-6)	0.05
174.	(Perfluorohexane-1-sulphonic acid and its salts) (PFHxS) (CAS No.: 355-46-4)	0.05
175.	() (1,6,7,8,9,14,15,16,17, 17,18,18-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])	0.05
176.	[a] (Benz[a]anthracene) (CAS No.: 56-55-3)	0.05
177.	(Cadmium nitrate)*** (CAS No.: 10325-94-7)	-
178.	(Cadmium carbonate)*** (CAS No.: 513-78-0)	-
179.	(Cadmium hydroxide)*** (CAS No.: 21041-95-2)	-
180.	[a] (Chrysene) (CAS No.: 218-01-9)	0.05
181.	1,3,4- -2,5- 4- , (RP-HP) [0.1% w/w 4-] (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]) (R)	-
182.	(Dicyclohexyl phthalate) (DCHP) (CAS No.: 84-61-7)	0.05
183.	1,2,4- (Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)) (CAS No.: 552-30-7)	0.05
184.	(G,H,I) (Benzo[ghi]perylene) (CAS No.: 191-24-2)	0.05
185.	(Octamethylcyclotetrasiloxane) (D4) (CAS No.: 556-67-2)	0.05
186.	(Decamethylcyclopentasiloxane) (D5) (CAS No.: 541-02-6)	0.05
187.	(Dodecamethylcyclohexasiloxane) (D6) (CAS No.: 540-97-6)	0.05
188.	(Disodium octaborate)*** (CAS No.: 12008-41-2)	-
189.	(Ethylenediamine) (CAS No.: 107-15-3)	0.05
190.	(Lead) (Pb) (CAS No.: 7439-92-1) ()	0.005
191.	(Terphenyl, hydrogenated) (CAS No.: 61788-32-7)	0.05
192.	2,2- (4-)-4- (2,2-bis(4'-hydroxyphenyl)-4-methylpentane) (CAS No.: 6807-17-6)	0.05

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Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.	(Substance Name)	RL
193.	(k) (Benzo[k]fluoranthene) (CAS No.: 207-08-9)	0.05
194.	(Fluoranthene) (CAS No.: 206-44-0)	0.05
195.	(Phenanthrene) (CAS No.: 85-01-8)	0.05
196.	(Pyrene) (CAS No.: 129-00-0)	0.05
197.	1,7,7- -3-() [2,2,1] -2- (1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)) (CAS No.: 15087-24-8)	0.05
198.	2,3,3,3- -2-() () (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof))	0.05
199.	2- (2-methoxyethyl acetate) (CAS No.: 110-49-6)	0.05
200.	4- (4-tert-butylphenol) (CAS No.: 98-54-4)	0.05
201.	(4-) 0.1% 4- (Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear) (4-NP)	0.05
202.	(Diisohexyl phthalate) (CAS No.: 71850-09-4)	0.05
203.	2- -2- -1-(4-) (2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone) (CAS No.: 119313-12-1)	0.05
204.	2- -1-(4-)-2- -1- (2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one) (CAS No.: 71868-10-5)	0.05
205.	(Perfluorobutane sulfonic acid (PFBS) and its salts)	0.05
206.	1- (1-vinylimidazole) (CAS No.: 1072-63-5)	0.05
207.	2- (2-methylimidazole) (CAS No.: 693-98-1)	0.05
208.	4- (Butyl 4-hydroxybenzoate) (CAS No.: 94-26-8)	0.05
209.	() (Diethylbis(pentane-2,4-dionato-O,O')tin)*** (CAS No.: 22673-19-4)	-
210.	(2-(2-)) (Bis(2-(2-methoxyethoxy)ethyl) ether) (CAS No.: 143-24-8)	0.05
211.	C12 () () (Diocetyl tin 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)***	-
212.	1,4- (1,4-dioxane) (CAS No.: 123-91-1)	0.05
213.	2,2- ()-1,3- (2,2-bis(bromomethyl)propane-1,3-diol) (BMP) (CAS No.: 3296-90-0)	0.05
	3- -2,2- ()-1- (2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol) (TBNPA) (CAS No.: 36483-57-5, 1522-92-5)	0.05
	2,3- -1- (2,3-dibromo-1-propanol) (2,3-DBPA) (CAS No.: 96-13-9)	0.05

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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.	(Substance Name)	RL
214.		
215.		
216.	(Glutaral) (CAS No.: 111-30-8)	
217.		
218.	(Orthoboric acid, sodium salt)*** (CAS No.: 13840-56-7) ; ; (1:1) (boric acid (H3BO3), sodium salt, hydrate; Boric acid (H3BO3), disodium salt; Trisodium orthoborate; Boric acid, sodium salt; Boric acid (H3BO3), sodium salt (1:1)) (CAS No.: 25747-83-5; 22454-04-2; 14312-40-4; 1333-73-9; 14890-53-0) (U)	-
219.	() 12 / (4- ; 4- ; 4- ;) (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) (Phenol, 4-dodecyl, branched; 4-isododecylphenol; Phenol, 4-isododecyl-; Phenol, dodecyl-, branched; Phenol, (tetrapropenyl) derivatives; Phenol, tetrapropylene-) (CAS No.: 210555-94-5; 27459-10-5; 27147-75-7; 121158-58-5; 74499-35-7; 57427-55-1)	0.05
220.	(±)-1,7,7- -3-[(4-)] [2.2.1] -2- / ((±)-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)	0.05
221.	6,6' -2,2'- (6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol) (DBMC) (CAS No.: 119-47-1)	0.05
222.	-([5.2.1.0'2,6] -3- -8(9)-) -(2-) -(2-) (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) (CAS No.: 255881-94-8) (G)	0.05
223.	(2-) (Tris(2-methoxyethoxy)vinylsilane) (CAS No.: 1067-53-4)	0.05
224.	N- (N-(hydroxymethyl)acrylamide) (CAS No.: 924-42-5)	0.05
225.	1,2- (2,4,6-) (1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]) (CAS No.: 37853-59-1)	0.05
226.	A (2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol) (CAS No.: 79-94-7)	0.05
227.	S (4,4'-sulphonyldiphenol) (CAS No.: 80-09-1)	0.05

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(No.): ETR24205327

(Date): 05-Mar-2024

(Page): 21 of 25

Test Report

(ACPA TECHNOLOGY CO., LTD.)

311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

228.

229.

230. 4- 2- (Isobutyl 4-hydroxybenzoate) (CAS No.: 4247-02-3) 0.05

231. (Melamine) (CAS No.: 108-78-1) 0.05

232. (Perfluoroheptanoic acid and its salts) 0.05

233. 2,2,3,3,5,5,6,6- -4-(1,1,1,2,3,3,3- -2-) 2,2,3,3,5,5,6,6- -4-()

234.

235.

236.

237.

238.

239. 2-(5- -2-)-6- -4- (326) (Bumetizole) (CAS No.: 3896-11-5) 0.05

240. 2- phenylpropene and phenol) (Oligomerisation and alkylation reaction products of 2- 0.05

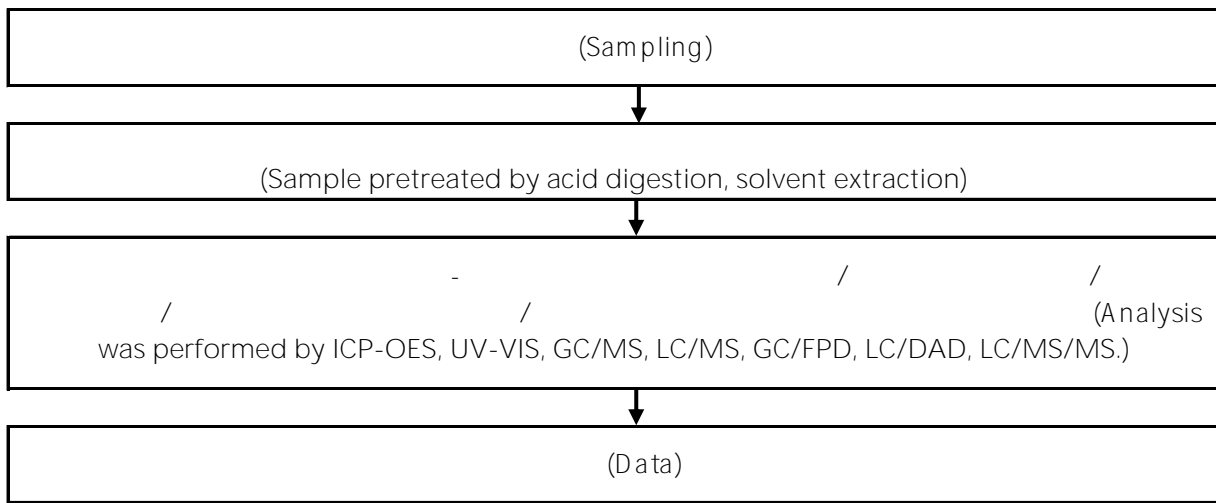
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GJ < 7 ' fBbU'mhJW' Zck 'WXUfhicZGJ < 7L



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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

(The tested sample / part is marked by an arrow if it's shown on the photo.)

No.1

ETR24205327

ETR24200354

(The objects in the picture are provided by client for photography, not the sample tested in this report.)



No.2

ETR24200356

No.3

ETR24200357

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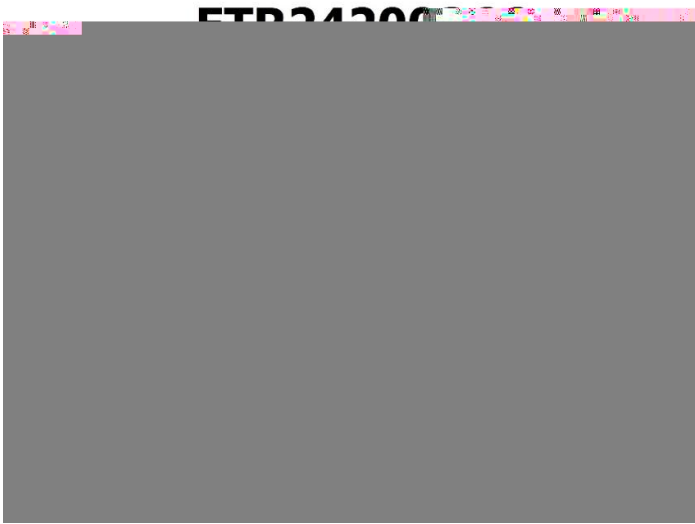
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Test Report

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311 4 2 (2F, NO. 4, LANE 311, SEC. 1, JIESHOU RD., SANXIA DIST., NEW TAIPEI CITY 237, TAIWAN)

No.8



No.9



No.10



** (End of Report) **

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