

**Test Report** No.: ETR21902891 Date: 24-Sep-2021 Page: 1 of 12

ALPHA ASSEMBLY SOLUTIONS (TAIWAN) LIMITED NO. 20, LANE 12, SEC. 2, NAN-SHAN RD., LUZHU DISTRICT, TAOYUAN CITY, 33860 TAIWAN

The following sample(s) was/were submitted and identified by/on behalf of the applicant as:

Sample Submitted By : ALPHA ASSEMBLY SOLUTIONS (TAIWAN) LIMITED

Sample Name : Atrox Style/Item No. : 800HT5

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Sample Receiving Date : 11-Sep-2021

Testing Period : 11-Sep-2021 to 24-Sep-2021

**Test Requested** : (1) As specified by client, with reference to RoHS 2011/65/EU Annex II and amending

Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs,

DBP, BBP, DEHP, DIBP contents in the submitted sample(s).

(2) Please refer to next pages for the other item(s).

**Test Results**: Please refer to following pages.

**Conclusion** : (1) Based on the performed tests on submitted sample(s), the test results of Cadmium,

Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.





PIN CODE: 65EE44C5

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#### **Test Part Description**

No.1 : GRAY PASTE

#### Test Result(s)

Test Item(s)	Method	Unit	MDL	Result	Limit
				No.1	
Cadmium (Cd) (CAS No.: 7440-43-9)	With reference to IEC 62321-5: 2013,	mg/kg	2	n.d.	100
	analysis was performed by ICP-OES.				
Lead (Pb) (CAS No.: 7439-92-1)	With reference to IEC 62321-5: 2013,	mg/kg	2	n.d.	1000
	analysis was performed by ICP-OES.				
Mercury (Hg) (CAS No.: 7439-97-6)	With reference to IEC 62321-4: 2013+	mg/kg	2	n.d.	1000
	AMD1: 2017, analysis was performed				
	by ICP-OES.				
Hexavalent Chromium Cr(VI) (CAS No.:	With reference to IEC 62321-7-2:	mg/kg	8	n.d.	1000
18540-29-9)	2017, analysis was performed by UV-				
	VIS.				
Monobromobiphenyl		mg/kg	5	n.d.	-
Dibromobiphenyl		mg/kg	5	n.d.	-
Tribromobiphenyl		mg/kg	5	n.d.	-
Tetrabromobiphenyl		mg/kg	5	n.d.	-
Pentabromobiphenyl		mg/kg	5	n.d.	=
Hexabromobiphenyl		mg/kg	5	n.d.	=
Heptabromobiphenyl		mg/kg	5	n.d.	-
Octabromobiphenyl	With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.	mg/kg	5	n.d.	-
Nonabromobiphenyl		mg/kg	5	n.d.	-
Decabromobiphenyl		mg/kg	5	n.d.	-
Sum of PBBs		mg/kg	1	n.d.	1000
Monobromodiphenyl ether		mg/kg	5	n.d.	-
Dibromodiphenyl ether		mg/kg	5	n.d.	-
Tribromodiphenyl ether		mg/kg	5	n.d.	-
Tetrabromodiphenyl ether		mg/kg	5	n.d.	-
Pentabromodiphenyl ether		mg/kg	5	n.d.	-
Hexabromodiphenyl ether		mg/kg	5	n.d.	-
Heptabromodiphenyl ether		mg/kg	5	n.d.	-
Octabromodiphenyl ether		mg/kg	5	n.d.	-
Nonabromodiphenyl ether		mg/kg	5	n.d.	-
Decabromodiphenyl ether		mg/kg	5	n.d.	-
Sum of PBDEs		mg/kg	-	n.d.	1000

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PFOS and its salts (CAS No.: 1763-23-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0)  With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7)  With reference to US EPA 3052: 1996, mg/kg 2 n.d	Test Item(s)	Method	Unit	MDL	Result	Limit
85-68-7) analysis was performed by GC/MS. Dibutyl phthalate (DBP) (CAS No.: 84- With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-(2-ethylhexyl) phthalate (DEHP) (CAS No.: 117-81-7) analysis was performed by GC/MS. Diisobutyl phthalate (DIBP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Diisobutyl phthalate (DIDP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Diisobutyl phthalate (DIDP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Diisononyl phthalate (DINP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Diisononyl phthalate (DINP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: 14762-94-8) (With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: 14362-44-8) (With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: 14362-94-8) (With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: 14362-94-8) (With reference to IEC 62321: 2008, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No.: 14362-44-8) (With reference to IEC 62321: 2008, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No: 14362-44-8) (With reference to IEC 62321: 2008, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No: 14362-44-8) (With reference to IEC 62321: 2008, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP) (CAS No: 14362-44-8) (With reference to IEC 62321: 2008, analysis was performed by GC/MS. Di-n-octyl phthalate (DNOP)					No.1	
Dibutyl phthalate (DBP) (CAS No.: 84-74-2)         With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         1000           (CAS No.: 117-81-7)         With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         1000           Berylisobutyl phthalate (DIBP) (CAS No.: Bat-9-5)         With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         1000           Berylisobutyl phthalate (DIBP) (CAS No.: Bat-9-5)         With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         1000           Berylisononyl phthalate (DINP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         -           Diisoohonyl phthalate (DINP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         -           Dii-n-octyl phthalate (DNOP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.         mg/kg         50         n.d.         -           Fluorine (F) (CAS No.: 14762-94-8)         With reference to IEC 62321-8: 2017, analysis was performed by IC.         mg/kg         50         n.d.         -           Bromine (Br) (CAS No.: 14362-44-8)         With reference to IEC 62321: 2008, anal	Butyl benzyl phthalate (BBP) (CAS No.:	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	1000
Table   Tab	,					
Di-(2-ethylhexyl) phthalate (DEHP) (CAS No.: 117-81-7)	Dibutyl phthalate (DBP) (CAS No.: 84-	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	1000
CAS No.: 117-81-7    analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Diisobutyl phthalate (DIDP) (CAS No.: with reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Mith reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Mith reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Mith reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Mith reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Mith reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Mith reference to IEC 62321-8: 2017, analysis was performed by IC.   Mith reference to IEC 62321-8: 2016, analysis was performed by IC.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008, analysis was performed by GC/MS.   Mith reference to IEC 62321: 2008,	,	analysis was performed by GC/MS.				
Diisobutyl phthalate (DIBP) (CAS No.: 84-69-5)   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Diisodocyl phthalate (DIDP) (CAS No.: 28553-12-0, 68515-49-1)   With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Dii-n-octyl phthalate (DINP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Di-n-octyl phthalate (DNOP) (CAS No.: With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2017, analysis was performed by GC/MS.   Might reference to IEC 62321-8: 2016, analysis was performed by IC.   Might reference to IEC 62321: 2008, analysis was performed by IC.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was performed by GC/MS.   Might reference to IEC 62321: 2008, analysis was PC/MS.   Might r	Di-(2-ethylhexyl) phthalate (DEHP)	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	1000
84-69-5)	(CAS No.: 117-81-7)	analysis was performed by GC/MS.				
Diisodecyl phthalate (DIDP) (CAS No.: 26761-40-0, 68515-49-1)	Diisobutyl phthalate (DIBP) (CAS No.:	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	1000
26761-40-0, 68515-49-1) analysis was performed by GC/MS.  Diisononyl phthalate (DINP) (CAS No.: 28553-12-0, 68515-48-0) With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.  Di-n-octyl phthalate (DNOP) (CAS No.: 117-84-0) With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.  Pluorine (F) (CAS No.: 14762-94-8) With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.  Chlorine (CI) (CAS No.: 12537-15-1) With reference to BS EN 14582: 2016, mg/kg 50 n.d mg/k	84-69-5)	analysis was performed by GC/MS.				
Diisononyl phthalate (DINP) (CAS No.: 28553-12-0, 68515-48-0)   Sispinary (Page 1974)   Sispinary (	Diisodecyl phthalate (DIDP) (CAS No.:	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	-
28553-12-0, 68515-48-0)       analysis was performed by GC/MS.       mg/kg       50       n.d.       -         Di-n-octyl phthalate (DNOP) (CAS No.: 117-68-0)       With reference to IEC 62321-8: 2017, analysis was performed by GC/MS.       mg/kg       50       n.d.       -         Fluorine (F) (CAS No.: 14762-94-8)       With reference to BS EN 14582: 2016, analysis was performed by IC.       mg/kg       50       n.d.       -         Chlorine (CI) (CAS No.: 14362-44-8)       With reference to BS EN 14582: 2016, analysis was performed by IC.       mg/kg       50       n.d.       -         Iddine (I) (CAS No.: 14362-44-8)       With reference to IEC 62321: 2008, analysis was performed by GC/MS.       mg/kg       50       n.d.       -         Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ-HBCDD), F-HBCDD, γ-HBCDD, γ-HBCDD, β-HBCDD, β-H	26761-40-0, 68515-49-1)	analysis was performed by GC/MS.				
Di-n-octyl phthalate (DNOP) (CAS No.: 14762-94-8)	Diisononyl phthalate (DINP) (CAS No.:	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	-
117-84-0)   analysis was performed by GC/MS.   mg/kg   50   n.d.   -	28553-12-0, 68515-48-0)	analysis was performed by GC/MS.				
Fluorine (F) (CAS No.: 14762-94-8)   Chlorine (Cl) (CAS No.: 22537-15-1)   Bromine (Br) (CAS No.: 10097-32-2)   Iodine (I) (CAS No.: 14362-44-8)   With reference to BS EN 14582: 2016, analysis was performed by IC.   mg/kg   50   n.d.   - m	Di-n-octyl phthalate (DNOP) (CAS No.:	With reference to IEC 62321-8: 2017,	mg/kg	50	n.d.	-
Chlorine (CI) (CAS No.: 22537-15-1)       With reference to BS EN 14582: 2016, analysis was performed by IC.       mg/kg       50       n.d.       -         Bromine (Br) (CAS No.: 10097-32-2)       Mith reference to BS EN 14582: 2016, analysis was performed by IC.       mg/kg       50       n.d.       -         Iodine (I) (CAS No.: 14362-44-8)       With reference to IEC 62321: 2008, analysis was performed by GC/MS.       mg/kg       50       n.d.       -         Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, γ-HBCDD), γ-HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-51-7, 134237-50-6, 134237-52-8))       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         PFOA and its salts (CAS No.: 335-67-1 and its salts)       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         Antimony (Sb) (CAS No.: 7440-36-0)       With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.       mg/kg       2       n.d.       -         Beryllium (Be) (CAS No.: 7440-41-7)       With reference to US EPA 3052: 1996, mg/kg       2       n.d.       -	117-84-0)	analysis was performed by GC/MS.				
Bromine (Br) (CAS No.: 10097-32-2)	Fluorine (F) (CAS No.: 14762-94-8)		mg/kg	50	n.d.	-
Iodine (I) (CAS No.: 14362-44-8)       mg/kg       50       n.d.       -         Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, γ- HBCDD, γ- HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))       with reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       5       n.d.       -         PFOS and its salts (CAS No.: 1763-23-1 and its salts)       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         PFOA and its salts (CAS No.: 335-67-1 and its salts)       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         Antimony (Sb) (CAS No.: 7440-36-0)       With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.       mg/kg       2       n.d.       -         Beryllium (Be) (CAS No.: 7440-41-7)       With reference to US EPA 3052: 1996, mg/kg       mg/kg       2       n.d.       -	Chlorine (Cl) (CAS No.: 22537-15-1)	With reference to BS EN 14582: 2016,	mg/kg	50	n.d.	-
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD) (CAS No.: 25637-99-4, 3194- 55-6 (134237-51-7, 134237-50-6, 134237-52-8))With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.mg/kg5n.dPFOS and its salts (CAS No.: 1763-23-1 and its salts)With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.mg/kg0.01n.dPFOA and its salts (CAS No.: 335-67-1 and its salts)With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.mg/kg0.01n.dAntimony (Sb) (CAS No.: 7440-36-0)With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.mg/kg2n.dBeryllium (Be) (CAS No.: 7440-41-7)With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.mg/kg2n.d	Bromine (Br) (CAS No.: 10097-32-2)	analysis was performed by IC.	mg/kg	50	n.d.	-
and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))  PFOS and its salts (CAS No.: 1763-23-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0) With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d	lodine (I) (CAS No.: 14362-44-8)		mg/kg	50	n.d.	-
and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ- HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))  PFOS and its salts (CAS No.: 1763-23-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 with reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0) With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d	Hexabromocyclododecane (HBCDD)	With reference to IEC 62321: 2008,		5	n.d.	-
HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         PFOA and its salts (CAS No.: 335-67-1 and its salts)       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         Antimony (Sb) (CAS No.: 7440-36-0)       With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.       mg/kg       2       n.d.       -         Beryllium (Be) (CAS No.: 7440-41-7)       With reference to US EPA 3052: 1996, mg/kg       mg/kg       2       n.d.       -	and all major diastereoisomers	analysis was performed by GC/MS.	3. 3			
HBCDD) (CAS No.: 25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         PFOA and its salts (CAS No.: 335-67-1 and its salts)       With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.       mg/kg       0.01       n.d.       -         Antimony (Sb) (CAS No.: 7440-36-0)       With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.       mg/kg       2       n.d.       -         Beryllium (Be) (CAS No.: 7440-41-7)       With reference to US EPA 3052: 1996, mg/kg       mg/kg       2       n.d.       -	identified (α- HBCDD, β- HBCDD, γ-					
PFOS and its salts (CAS No.: 1763-23-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0) With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d						
PFOS and its salts (CAS No.: 1763-23-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Might reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7)  With reference to US EPA 3052: 1996, mg/kg 2 n.d	55-6 (134237-51-7, 134237-50-6,					
and its salts)  2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0)  With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7)  With reference to US EPA 3052: 1996, mg/kg  2 n.d.  -	134237-52-8))					
and its salts)  2010, analysis was performed by LC/MS/MS.  PFOA and its salts (CAS No.: 335-67-1 and its salts)  With reference to CEN/TS 15968: 2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0) With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d	PFOS and its salts (CAS No.: 1763-23-1	With reference to CEN/TS 15968:	mg/kg	0.01	n.d.	-
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and its salts)  2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0)  With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7)  With reference to US EPA 3052: 1996, mg/kg 2 n.d		LC/MS/MS.				
and its salts)  2010, analysis was performed by LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0)  With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7)  With reference to US EPA 3052: 1996, mg/kg 2 n.d	PFOA and its salts (CAS No.: 335-67-1	With reference to CEN/TS 15968:	mg/kg	0.01	n.d.	-
LC/MS/MS.  Antimony (Sb) (CAS No.: 7440-36-0) With reference to US EPA 3052: 1996, analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d						
analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d		LC/MS/MS.				
analysis was performed by ICP-OES.  Beryllium (Be) (CAS No.: 7440-41-7) With reference to US EPA 3052: 1996, mg/kg 2 n.d	Antimony (Sb) (CAS No.: 7440-36-0)	With reference to US EPA 3052: 1996,	mg/kg	2	n.d.	-
, , , , , , , , , , , , , , , , , , ,	,	analysis was performed by ICP-OES.				
	Beryllium (Be) (CAS No.: 7440-41-7)		mg/kg	2	n.d.	-
analysis was performed by ICP-OES.		analysis was performed by ICP-OES.				

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No.: ETR21902891 Date: 24-Sep-2021

ALPHA ASSEMBLY SOLUTIONS (TAIWAN) LIMITED NO. 20, LANE 12, SEC. 2, NAN-SHAN RD., LUZHU DISTRICT, TAOYUAN CITY, 33860 TAIWAN

#### Note:

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. MDL = Method Detection Limit
- 3. n.d. = Not Detected (Less than MDL)
- 4. "-" = Not Regulated
- 5. PFOS and its salts including:

CAS No.: 29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7.

- 6. PFOA and its salts including:
  - CAS No.: 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.
- 7. The statement of compliance conformity is based on comparison of testing results and limits.

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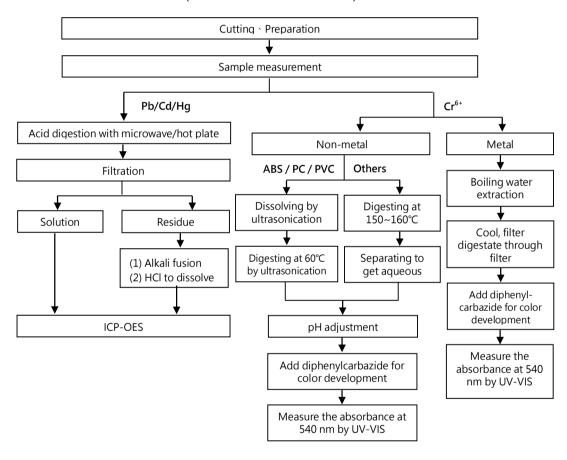
No.: ETR21902891 Date: 24-Sep-2021

ALPHA ASSEMBLY SOLUTIONS (TAIWAN) LIMITED NO. 20, LANE 12, SEC. 2, NAN-SHAN RD., LUZHU DISTRICT, TAOYUAN CITY, 33860 TAIWAN

#### Analytical flow chart of Heavy Metal

These samples were dissolved totally by pre-conditioning method according to below flow chart.

( Cr<sup>6+</sup> test method excluded )



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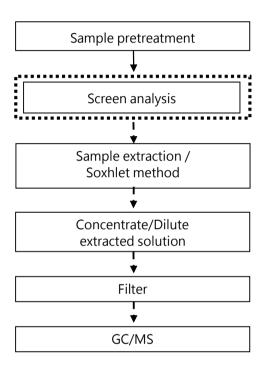
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#### Analytical flow chart - PBBs / PBDEs

First testing process \_\_\_\_ Optional screen process....

Confirmation process \_\_\_\_



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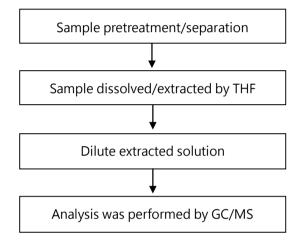


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Analytical flow chart - Phthalate

【Test method: IEC 62321-8】



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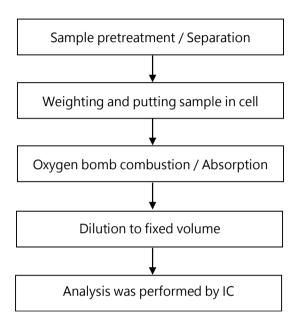
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#### Analytical flow chart - Halogen



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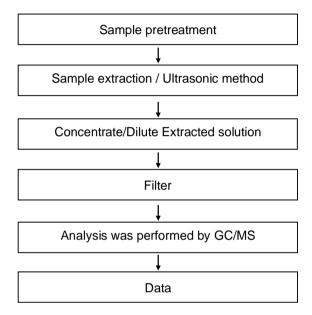
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#### **Analytical flow chart - HBCDD**



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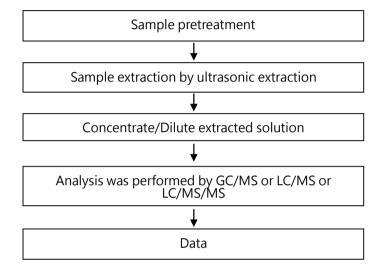
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#### Analytical flow chart – PFAS (including PFOA/PFOS/its related compound, etc.)



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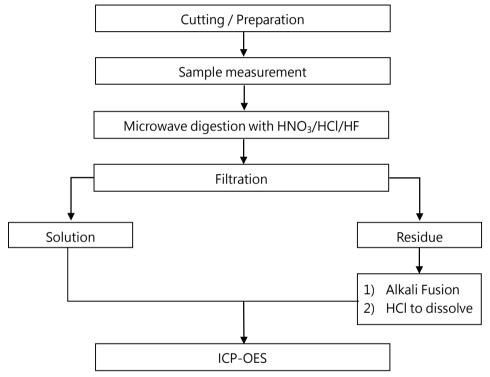
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#### Analytical flow chart of Elements (Heavy Metal included)

These samples were dissolved totally by pre-conditioning method according to below flow chart.

【Reference method: US EPA 3051A \ US EPA 3052】



\* US EPA 3051A method does not add HF.

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

#### ETR21902891



\*\* End of Report \*\*

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