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CHAM HOW CORPORATION

NO. 60, SEC. 1, ZHONGSHAN E. RD., XINWU DISTRICT, TAOYUAN CITY 327, TAIWAN

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

Sample Submitted By Sample Description Sample Receiving Date Testing Period	:	
Test Requested	:	As specified by client, to test Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).
Test Method Test Result(s)	:	Please refer to following pages. Please refer to following pages.



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MIXED ALL PARTS

Test Result(s)

PART NAME No.1

Result Test Item(s) Unit Method MDL No.1 Cadmium (Cd) mg/kg With reference to IEC 62321-5 2 n.d. Lead (Pb) 2 mg/kg (2013) and performed by ICP-AES. n.d. With reference to IEC 62321-4 2 Mercury (Hg) mg/kg n.d. (2013) and performed by ICP-AES. Hexavalent Chromium Cr(VI) (+) With reference to IEC 62321-7-2 8 n.d. mg/kg (2017) and performed by UV-VIS. ; With reference to IEC 62321-5 (2013) and performed by ICP-AES. Sum of PBBs mg/kg n.d. _ 5 Monobromobiphenyl mg/kg n.d. Dibromobiphenyl 5 mg/kg n.d. Tribromobiphenyl mg/kg 5 n.d. Tetrabromobiphenyl 5 n.d. mg/kg 5 n.d. Pentabromobiphenyl mg/kg 5 Hexabromobiphenyl mg/kg n.d. 5 Heptabromobiphenyl n.d. mg/kg 5 Octabromobiphenyl mg/kg n.d. Nonabromobiphenyl 5 n.d. mg/kg 5 Decabromobiphenyl mg/kg n.d. With reference to IEC 62321-6 (2015) and performed by GC/MS. Sum of PBDEs mg/kg n.d. Monobromodiphenyl ether 5 n.d. mg/kg 5 Dibromodiphenyl ether mg/kg n.d. 5 n.d. Tribromodiphenyl ether mg/kg Tetrabromodiphenyl ether 5 n.d. mg/kg 5 Pentabromodiphenyl ether mg/kg n.d. Hexabromodiphenyl ether 5 n.d. mg/kg Heptabromodiphenyl ether 5 n.d. mg/kg 5 Octabromodiphenyl ether n.d. mg/kg 5 Nonabromodiphenyl ether mg/kg n.d. Decabromodiphenyl ether mg/kg 5 n.d.

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Test Item(s)	Unit	Method	MDL	Result
rest ttern(s)	Onit			No.1
BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	mg/kg		50	n.d.
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	mg/kg	With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n.d.
DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	mg/kg		50	n.d.
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg		50	n.d.

Note :

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. " " = Not Regulated
- 5. (♠) : The result of Cr(VI) is "n.d." as the result of Chromium (Cr) is less than the MDL of Cr(VI), and confirmation test of Cr(VI) is not required. If the Chromium (Cr) content is not less than the MDL of Cr(VI), confirmation test of Cr(VI) is required.
- 6. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.



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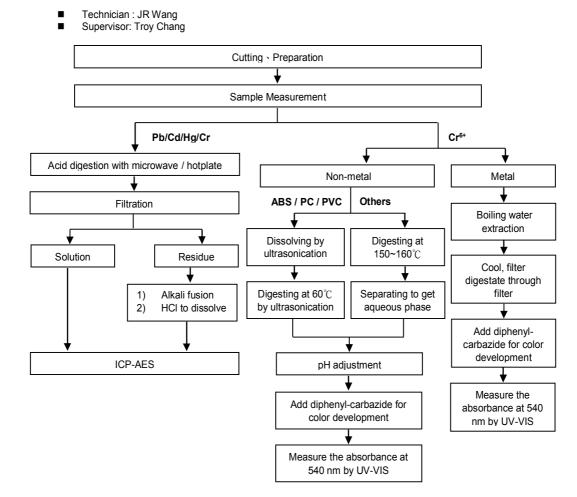
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Analytical flow chart of Heavy Metal

These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)



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Analytical flow chart - PBB / PBDE

Technician : Yaling Tu Supervisor: Troy Chang First testing process -Sample Optional screen process Confirmation process - - > Sample pretreatment Screen analysis ••••••••••••• Sample extraction / Soxhlet method ۲ Concentrate/Dilute Extracted solution ¥ Filter ¥ Analysis by GC/MS ¥ Issue Report

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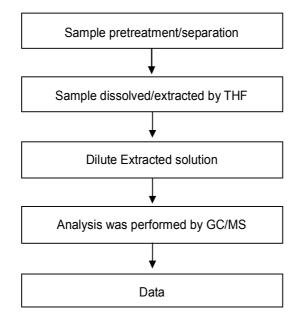
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Analytical flow chart - Phthalate

- Technician: Andy Shu
- Supervisor: Troy Chang

[Test method: IEC 62321-8]



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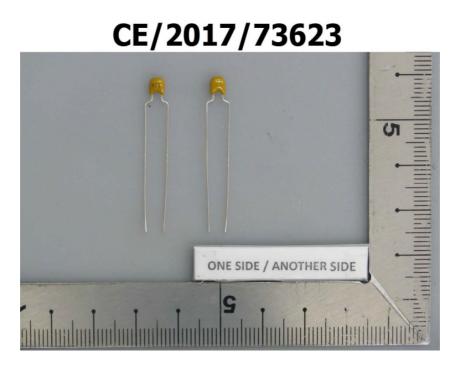
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* The tested sample / part is marked by an arrow if it's shown on the photo. *



** End of Report **

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