



Test Report

No.: ETR24901618

Date: 26-Sep-2024

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EVERWIDE CHEMICAL CO., LTD.

NO. 36, DOUGONG 6TH RD., DOULIU CITY, YUNLIN COUNTY 640153, TAIWAN

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

Sample Submitted By : EVERWIDE CHEMICAL CO., LTD.

Sample Name : EPOXY RESIN

Style/Item No. : PLEASE REFER TO PAGE 2

Sample Receiving Date : 11-Sep-2024

Testing Period : 11-Sep-2024 to 26-Sep-2024

Test Requested : 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).

Test Results : Please refer to following pages.

Troy Chang
Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: E2E64EA6

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Style/Item No. :

JC342-5、0001-01~9999-99 SERIES、2001~8999-99 SERIES、EXA001~EXC999 SERIES、
GE001~GE999-99 SERIES、JA001~JA999-99 SERIES、JB001~JB999-99 SERIES、
JC001~JC999-99 SERIES、JD001~JD999-99 SERIES、JE001~JE999-99 SERIES、
JF001~JF999-99 SERIES、JG001~JG999-99 SERIES、JH001~JH999-99 SERIES、
NA001~NA999-99 SERIES、NC001~NC999-99 SERIES、NF001~NF999-99 SERIES、
NH001~NH999-99 SERIES、NJ001~NJ999-99 SERIES、KNE001~KNE999-99 SERIES、
CX001~CX999-99 SERIES、AS001~AS999 SERIES、JM0001~JM9999 SERIES、
HEM0001~9999 SERIES、EPH0001~9999 SERIES、PA0001~9999 SERIES、CB3651、
CB3652、CB3653、CB3654、CB3655、CB3657、CB3549、JA324、JA325、JA326、
DB0001-01~DB9999~99 SERIES、COT001-01~COT9999-99 SERIES、
CBD001-01~CBD9999-99 SERIES、CBDN0001-01A~CBDN0000~99Z SERIES、
BA001~999 SERIES、TRA0001-01~TRA9999-99 SERIES、XYH-TK0001-01~XYH-TK9999-99
SERIES、55646、55577、55484、55150、55780、55880、55990、6093、D65、D66、
D67、D68、D69、D75、D76、D77、D78、D79、D85、D86、D87、D88、D89、D95、
D95-1、D96、D97、D98、D99、EX5695、EX5696、EX5697、EX5698、EX5699、
EX5699-1、EX5699-2、EX6025、EX6026、EX6027、EX6028、EX6029、EX7025、
EX7026、EX7027、EX7028、EX7029、EX7209、EX8025、EX8026、EX8027、
EX8028、EX8029、HS001-9999 SERIES、HD00001-01~HD99999-99 SERIES、
E001-1A~E999-99Z SERIES、UT3000~UT3999 SERIES、UT3000-1~UT3999-99 SERIES、
XZ0001~XZ9999 SERIES、XZ001AA~XZ999ZZ SERIES、KE-200~3999 SERIES、
GH-0000~GH-9999 SERIES、29S-001~29S-99999-99 SERIES、SB001~SB9999-99 SERIES、
C-001-01~C-9999-99 SERIES、YX001~YX999 SERIES、DH001~DH999 SERIES、
HR001~HR999 SERIES、HL001~HL999 SERIES、IR001~IR999 SERIES、LH001~LH999 SERIES、
PLB001~PLB999 SERIES、GN268-12、FP328、LG0001-01~LG9999-99 SERIES、29S-217、
29S-331、29S-3220、EX0001~EX9999 SERIES、D00-0~D99-9 SERIES、EX9025、EX9026、
EX9027、EX9028、EX9029、3528、3529、3530、3531、3532、DB001-01~DB999-99 SERIES、
DB112、DB154、CB3641、CB3642、CB3643、CB3644、CB3645、CB3646、CB3647、CB3648、
HS522、PS001~PS999-99 SERIES、ES0001~ES9999 SERIES、ET0001~ET9999 SERIES、29S-271、
D97-1、D97-2、D97-3、D97-4、D97-5、JD034、JD035、JD036、JD037、JD038、JD039、
JD099、JD099-1、JD099-2、JD099-3、JD099-4、JD099-5、9353、9353T、9353B、HS133、
HS134、HS136、JD890、IE001~IE999-99 SERIES、JC593-25A、JD642-6、JD785AB、
JE511AB、JD306-4

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EVERWIDE CHEMICAL CO., LTD.

NO. 36, DOUGONG 6TH RD., DOULIU CITY, YUNLIN COUNTY 640153, TAIWAN

Test Part Description

No.1 : GREEN PASTE

Test Result(s)

| Test Item(s) | Method | Unit | MDL | Result |
|----------------------------|---|-------|-----|--------|
| | | | | No.1 |
| Cadmium (Cd) | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Lead (Pb) | | mg/kg | 2 | n.d. |
| Mercury (Hg) | With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES. | mg/kg | 2 | n.d. |
| Hexavalent Chromium Cr(VI) | With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS. | mg/kg | 8 | n.d. |
| Monobromobiphenyl | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | 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 | | mg/kg | 5 | n.d. |
| Nonabromobiphenyl | | mg/kg | 5 | n.d. |
| Decabromobiphenyl | | mg/kg | 5 | n.d. |
| Sum of PBBs | | mg/kg | - | n.d. |
| Monobromodiphenyl ether | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | 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. |

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| Test Item(s) | Method | Unit | MDL | Result |
|------------------------------------|---|-------|-----|--------|
| | | | | No.1 |
| Butyl benzyl phthalate (BBP) | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50 | n.d. |
| Dibutyl phthalate (DBP) | | mg/kg | 50 | n.d. |
| Diisobutyl phthalate (DIBP) | | mg/kg | 50 | n.d. |
| Di-(2-ethylhexyl) phthalate (DEHP) | | mg/kg | 50 | n.d. |

Note :

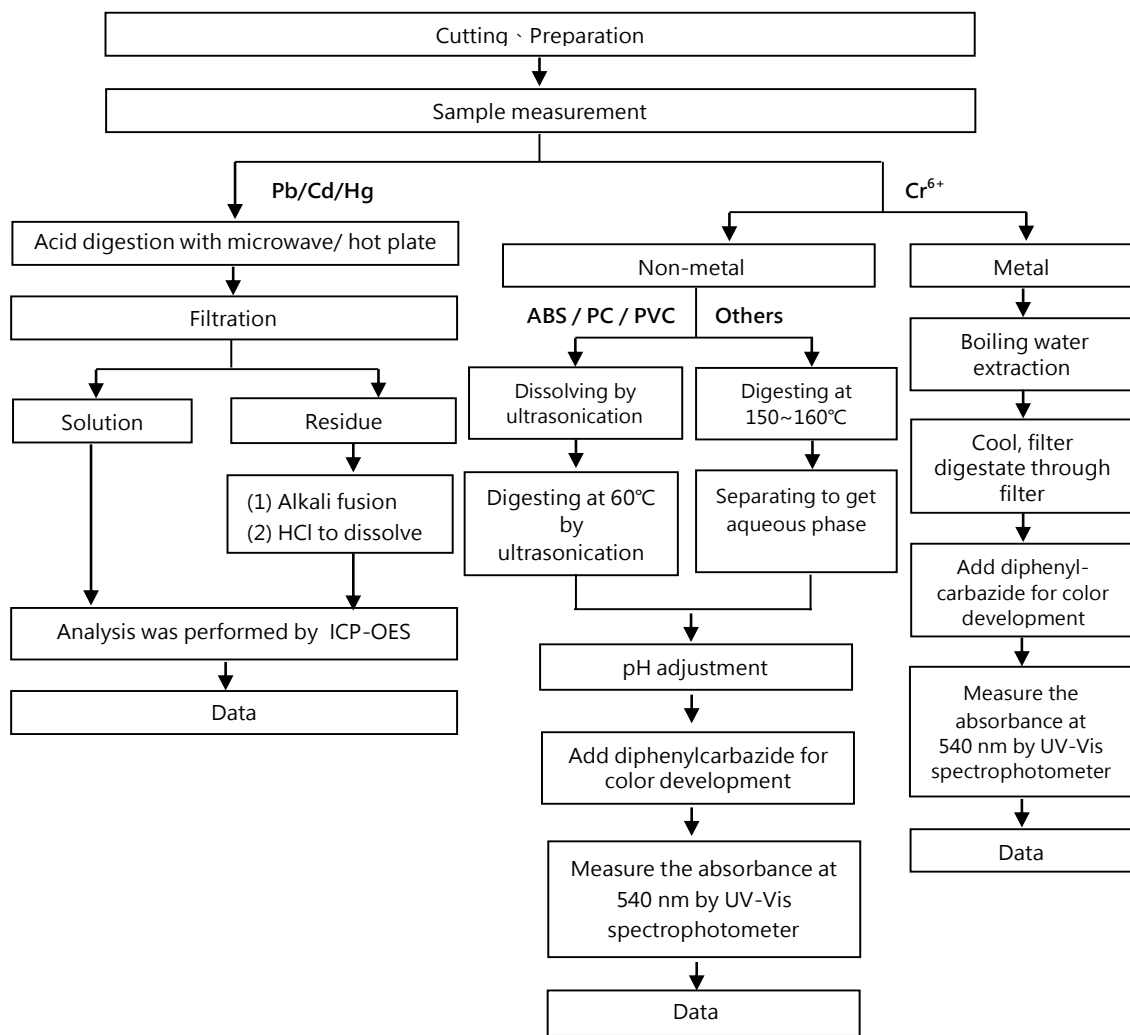
1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected (Less than MDL)
4. "-" = Not Regulated

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Analytical flow chart of heavy metal

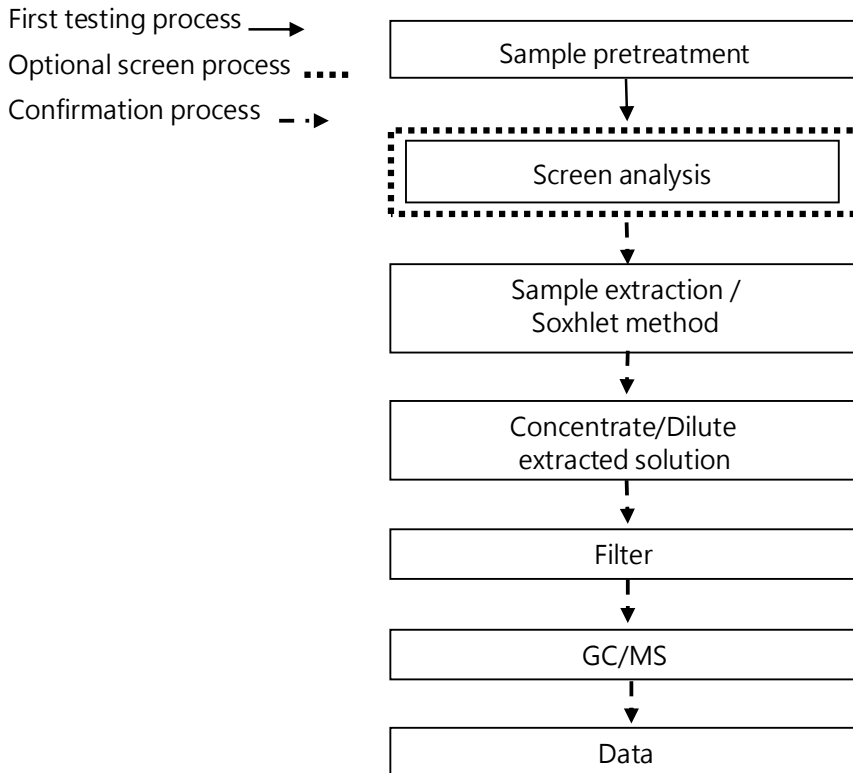
These samples were dissolved totally by pre-conditioning method according to below flow chart.

(Cr⁶⁺ test method excluded)



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Analytical flow chart – PBBs / PBDEs



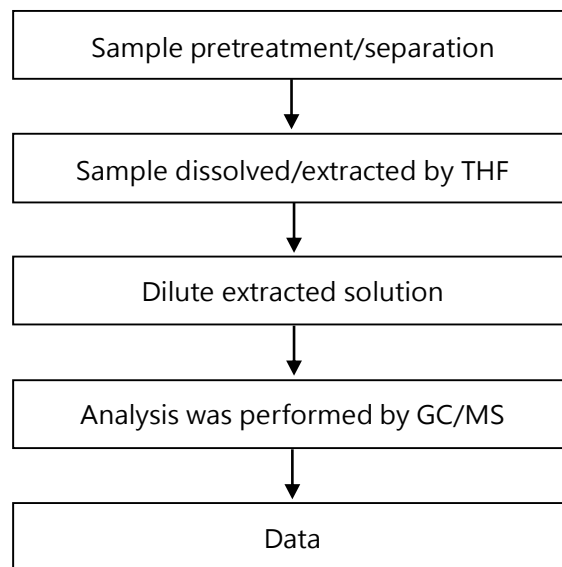
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Analytical flow chart - Phthalate

【 Test method: IEC 62321-8 】



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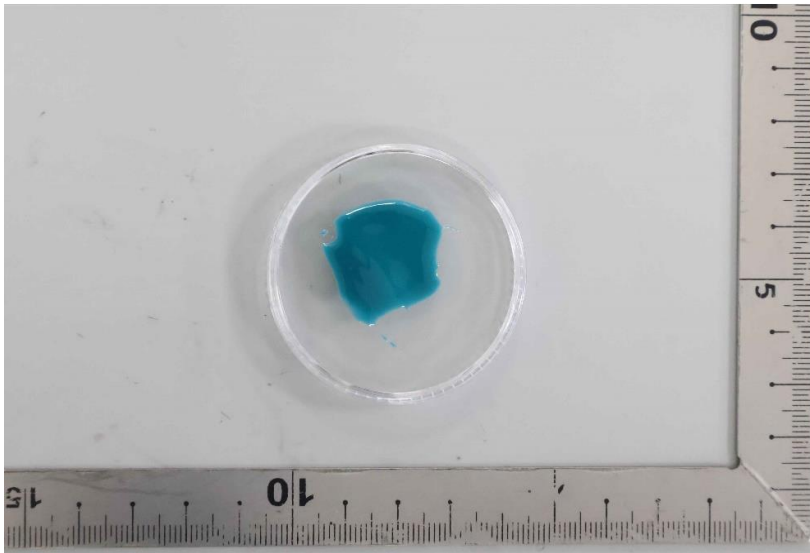
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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **

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