
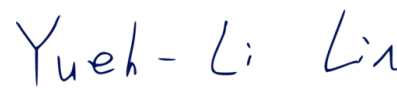


| <b>Prüfbericht - Nr.: 238495049h9 001</b><br><i>Test Report No.:</i>   |               |   | <b>Seite 1 von 5</b><br><i>Page 1 of 5</i> |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
|--|---------------|---|--|--|--|-------|---------------|--------------|------|---------------|-----------|-------|---------------|--------------|------|---------------|-----------|
| <b>Auftraggeber:</b> Chi Mei Corporation<br><i>Client:</i> No.398, Sec. 1, Zhongzheng Rd., Rende Dist., Tainan City 717010, Taiwan, R.O.C.   |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Gegenstand der Prüfung:</b> ACRYLONITRILE-STYRENE COPOLYMER<br><i>Test Item:</i>  |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Bezeichnung:</b> KIBISAN® PN-117 L200<br><i>Identification:</i>   |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Anlieferungszustand:</b> apparent good<br><i>Delivery condition:</i>  |               | <b>Eingangsdatum:</b> 2020-12-04<br><i>Date of Receipt:</i> |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Prüfort:</b> TÜV Rheinland (Shanghai) Co. Ltd.<br><i>Testing location:</i>  |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Prüfgrundlage:</b> According to RoHS (recast): Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU Annex II and its amendment Directive (EU) 2015/863: Total Content of Lead, Cadmium, Mercury, Chromium VI, Polybrominated Biphenyls, Polybrominated Diphenyl Ethers; and Benzylbutyl phthalate (BBP), Dibutyl phthalate (DBP), Bis(2-ethylhexyl) phthalate (DEHP), Diisobutyl phthalate (DIBP)<br><i>Test specification:</i>  |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Prüfergebnis:</b> According to the kind and extend of tests performed the above mentioned test item passed the test specification.<br><i>Test result:</i>   |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>geprüft: tested by:</b></p> <div style="text-align: center; margin-top: 20px;"> <br/>           2021-01-04 Arthur Cheng<br/>           /Project Manager         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">Datum</th> <th style="width: 35%;">Name/Stellung</th> <th style="width: 50%;">Unterschrift</th> </tr> </thead> <tbody> <tr> <td>Date</td> <td>Name/Position</td> <td>Signature</td> </tr> </tbody> </table> </div> <div style="width: 45%;"> <p><b>kontrolliert: checked by:</b></p> <div style="text-align: center; margin-top: 20px;"> <br/>           2021-01-04 Yueh-Li Lin<br/>           /Senior Project Coordinator         </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">Datum</th> <th style="width: 35%;">Name/Stellung</th> <th style="width: 50%;">Unterschrift</th> </tr> </thead> <tbody> <tr> <td>Date</td> <td>Name/Position</td> <td>Signature</td> </tr> </tbody> </table> </div> </div> |               |   |  |  |  | Datum | Name/Stellung | Unterschrift | Date | Name/Position | Signature | Datum | Name/Stellung | Unterschrift | Date | Name/Position | Signature |
| Datum  | Name/Stellung | Unterschrift  |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| Date   | Name/Position | Signature   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| Datum  | Name/Stellung | Unterschrift  |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| Date   | Name/Position | Signature   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <b>Sonstiges/ Other Aspects:</b><br>Test period: 2020-12-04 – 2021-01-04   |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>Abkürzungen:</b> ok / P = entspricht Prüfgrundlage<br/>           fail / F = entspricht nicht Prüfgrundlage<br/>           n.a. / N = nicht anwendbar</p> </div> <div style="width: 45%;"> <p><b>Abbreviations:</b> ok / P = passed<br/>           fail / F = failed<br/>           n.a. / N = not applicable</p> </div> </div>   |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |
| <p><b>Produktinformationen werden vom Kunden bereitgestellt. Das Testergebnis wird nach Art und Umfang der durchgeführten Tests gezogen. Dieser Prüfbericht bezieht sich auf das oben genannte Prüfmuster. Ohne Genehmigung des Testzentrums darf dieser Testbericht nicht in Auszügen vervielfacht werden. Dieser Prüfbericht berechtigt nicht zum Tragen eines Prüfzeichens auf diesem oder ähnlichen Produkten.</b></p> <p><i>Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed. This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i></p>  |               |   |  |  |  |       |               |              |      |               |           |       |               |              |      |               |           |

Test Report No. : 238495049h9 001  
 Customer : Chi Mei Corporation  
 Test Method : Total Cadmium, Lead, Mercury, Chromium  
 - Ref. to IEC 62321-4:2013 and IEC 62321-5:2013  
 Chromium (VI)  
 - For Metal material - Ref. to IEC 62321-7-1:2015  
 - For Plastic or Electronic material - Ref. to IEC 62321-7-2:2017  
 - For Leather material - Ref. to EN ISO 17075-1:2017  
 PBBs, PBDEs - Ref. to IEC 62321-6:2015

2021-01-04

| Sample<br>Material<br>Lab.-No.                       |       | RL | KIBISAN® PN-117 L200<br>plastic/transparent<br>TCL201204-74 |
|--|-------|----|---|
| Cadmium (Cd)   | mg/kg | 2  | < RL  |
| Lead (Pb)  | mg/kg | 2  | < RL  |
| Mercury (Hg)   | mg/kg | 2  | < RL  |
| Chromium VI (Cr VI)*                                 | mg/kg | 8  | < RL  |
| <b>Sum of Polybrominated biphenyls (PBBs)</b>        | mg/kg | -  | < RL  |
| Monobromobiphenyl                                    | mg/kg | 5  | < RL  |
| Dibromobiphenyl                                      | mg/kg | 5  | < RL  |
| Tribromobiphenyl                                     | mg/kg | 5  | < RL  |
| Tetrabromobiphenyl                                   | mg/kg | 5  | < RL  |
| Pentabromobiphenyl                                   | mg/kg | 5  | < RL  |
| Hexabromobiphenyl                                    | mg/kg | 5  | < RL  |
| Heptabromobiphenyl                                   | mg/kg | 5  | < RL  |
| Octabromobiphenyl                                    | mg/kg | 5  | < RL  |
| Nonabromobiphenyl                                    | mg/kg | 5  | < RL  |
| Decabromobiphenyl                                    | mg/kg | 5  | < RL  |
| <b>Sum of Polybrominated diphenyl ethers (PBDEs)</b> | mg/kg | -  | < RL  |
| Monobromodiphenyl ether                              | mg/kg | 5  | < RL  |
| Dibromodiphenyl ether                                | mg/kg | 5  | < RL  |
| Tribromodiphenyl ether                               | mg/kg | 5  | < RL  |
| Tetrabromodiphenyl ether                             | mg/kg | 5  | < RL  |
| Pentabromodiphenyl ether                             | mg/kg | 5  | < RL  |
| Hexabromodiphenyl ether                              | mg/kg | 5  | < RL  |
| Heptabromodiphenyl ether                             | mg/kg | 5  | < RL  |
| Octabromodiphenyl ether                              | mg/kg | 5  | < RL  |
| Nonabromodiphenyl ether                              | mg/kg | 5  | < RL  |
| Decabromodiphenyl ether                              | mg/kg | 5  | < RL  |

Notes:

- < = less than
- RL = Reporting Limit
- n.a. = not applicable
- mg/kg = milligram per kilogram
- \* Once the total Cr content in metal/ plastic or electronic sample is found to be exceeded the limit, the Cr (VI) content will be confirmed with reference to IEC 62321-7-1:2015/ IEC 62321-7-2:2017

|   | Cd  | Cr(VI) | Pb   | Hg   | PBBs | PBDEs |
|---|-----|--------|------|------|------|-------|
| <b>Maximum permissible Limit acc. to 2011/65/EU (mg/kg)</b> | 100 | 1000   | 1000 | 1000 | 1000 | 1000  |

Test Report No. : 238495049h9 001  
Customer : Chi Mei Corporation  
Test Method : BBP/DBP/DEHP/DIBP - Ref. to IEC 62321-8:2017

2021-01-04

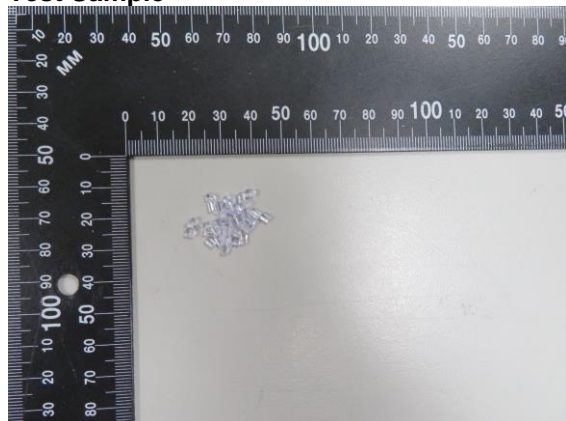
|                              |       |    |                      |
|------------------------------|-------|----|----------------------|
| Sample                       |       | RL | KIBISAN® PN-117 L200 |
| Material                     |       |    | plastic/transparent  |
| Lab.-No.                     |       |    | TCL201204-74         |
| Benzylbutylphthalate (BBP)   | mg/kg | 50 | < RL                 |
| Dibutylphthalate (DBP)       | mg/kg | 50 | < RL                 |
| Diethylhexylphthalate (DEHP) | mg/kg | 50 | < RL                 |
| Diisobutylphthalate (DIBP)   | mg/kg | 50 | < RL                 |

Notes:

- < = less than
- RL = Reporting Limit
- n.a. = not applicable
- mg/kg = milligram per kilogram

|  | BBP  | DBP  | DEHP | DIBP |
|--|------|------|------|------|
| <b>Maximum permissible<br/>Limit acc. to (EU) 2015/863<br/>(mg/kg)</b> | 1000 | 1000 | 1000 | 1000 |

**Test Sample**

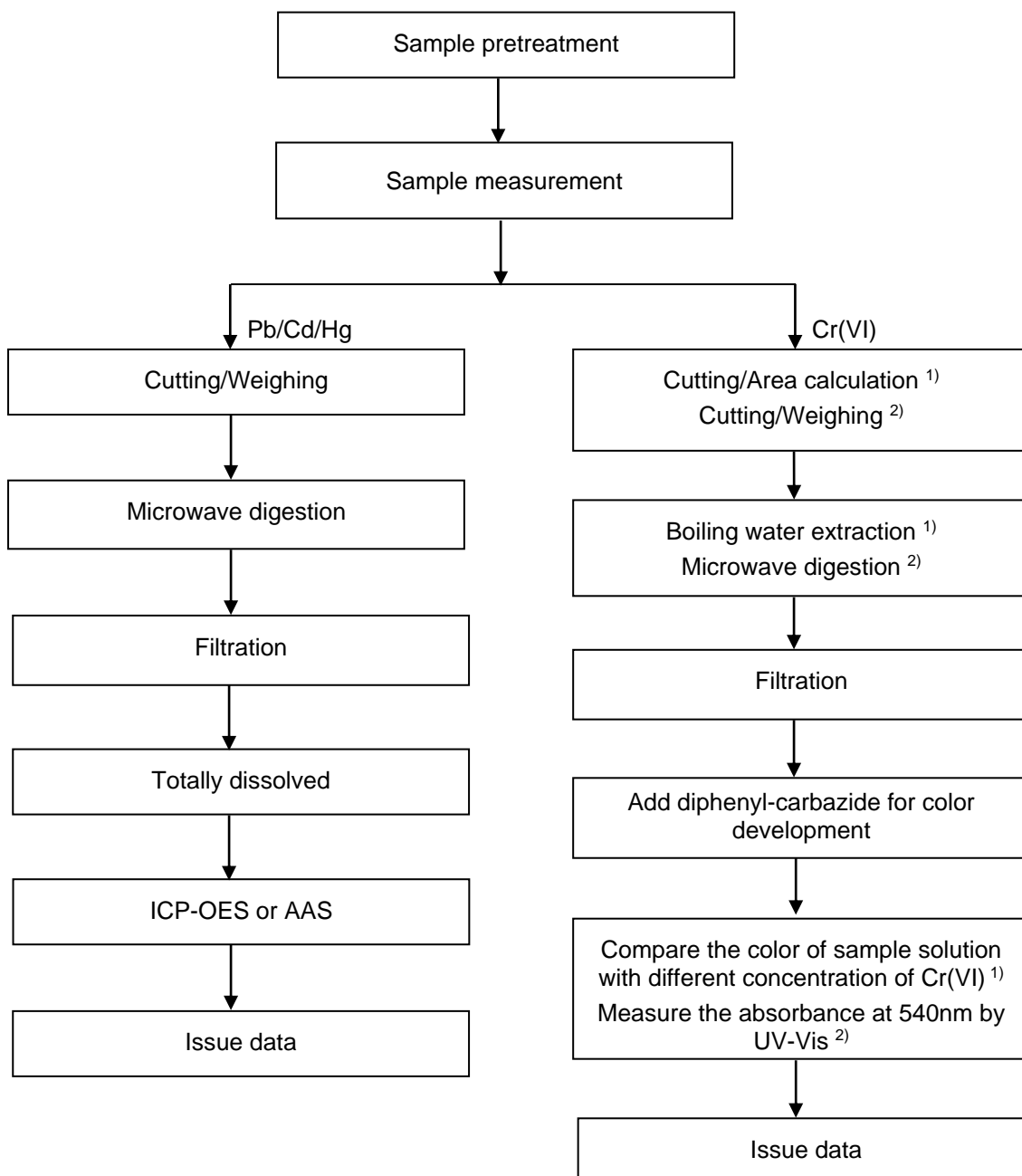


Test Report No. : 238495049h9 001  
Customer : Chi Mei Corporation

2021-01-04

### Testing procedure:

RoHS (Pb, Cd, Hg, Cr(VI))



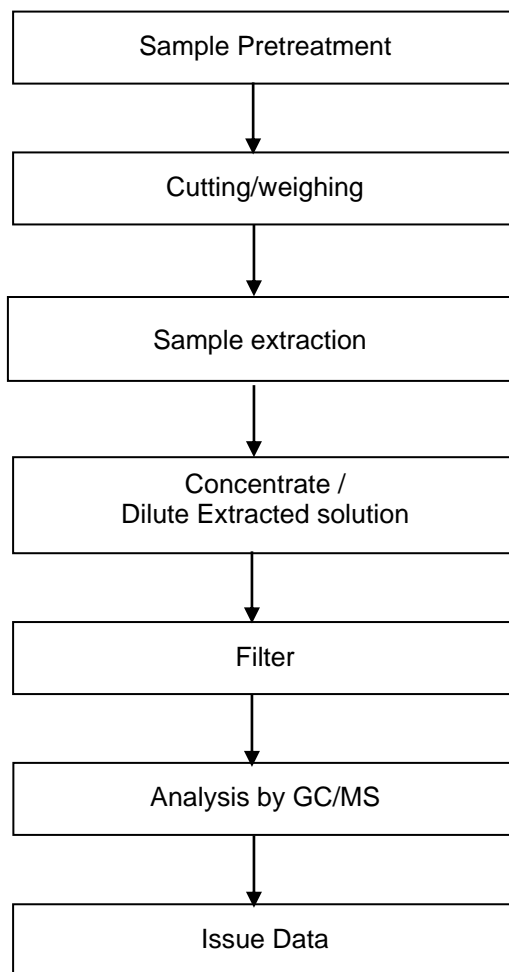
Notes: <sup>1)</sup> For metallic material  
<sup>2)</sup> For non-metallic material

Test Report No. : 238495049h9 001  
Customer : Chi Mei Corporation

2021-01-04

**Testing procedure:**

RoHS (PBBs/PBDEs, DEHP/DBP/BBP/DIBP)



--- End of Test-Report ---