



<b>Prüfbericht - Nr.: 0114043121a 004</b> <i>Test Report No.:</i>			<b>Seite 1 von 6</b> <i>Page 1 of 6</i>														
<b>Auftraggeber:</b> Chi Mei Corporation <i>Client:</i> 59-1, San Chia, Jen Te, Tainan City 71702, Taiwan, R.O.C.																	
<b>Gegenstand der Prüfung:</b> Diffuser Plate <i>Test Item:</i>																	
<b>Bezeichnung:</b> KIBILITE® DS-501A/ DS-551A/ DS-601A/ DS-601Y/ DS-551Y/ DS-501Y/ <i>Identification:</i> DS-601S/ DS-551S/ DS-55SY/ DS-60SY/ DS-50SY/ DS-60SS/ DS-55SS/ DS-40SC/ DS-45SC / White																	
<b>Anlieferungszustand:</b> apparent good <i>Delivery condition:</i>		<b>Eingangsdatum:</b> 2015-11-12 <i>Date of Receipt:</i>															
<b>Prüfort:</b> TÜV Rheinland (Shanghai) Co., Ltd. <i>Testing location:</i>																	
<b>Prüfgrundlage:</b> <i>Test specification:</i>			According to RoHS (recast): Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU last amended by (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) and Halogen (Chlorine, Bromine)														
<b>Prüfergebnis:</b> <i>Test result:</i>			The test results are the measurements, stated in the test report.														
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>geprüft/ tested by:</b>              2016-01-22 Anne Chen                            /Coordinator       </div> <div style="width: 45%;"> <b>kontrolliert/ checked by:</b>              2016-01-22 Carl Chang                            /Department Manager       </div> </div> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 15%;">Datum</th> <th style="width: 35%;">Name/Stellung</th> <th style="width: 20%;">Unterschrift</th> <th style="width: 15%;">Datum</th> <th style="width: 35%;">Name/Stellung</th> <th style="width: 20%;">Unterschrift</th> </tr> <tr> <td style="text-align: center;"><i>Date</i></td> <td style="text-align: center;"><i>Name/Position</i></td> <td style="text-align: center;"><i>Signature</i></td> <td style="text-align: center;"><i>Date</i></td> <td style="text-align: center;"><i>Name/Position</i></td> <td style="text-align: center;"><i>Signature</i></td> </tr> </table>						Datum	Name/Stellung	Unterschrift	Datum	Name/Stellung	Unterschrift	<i>Date</i>	<i>Name/Position</i>	<i>Signature</i>	<i>Date</i>	<i>Name/Position</i>	<i>Signature</i>
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<b>Sonstiges/ Other Aspects:</b> Test period: 2015-11-12 – 2015-12-01 Refers to TÜV test report no.: 0114043121a 002. This test report supersedes test report no. 0114043121a 003.																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <b>Abkürzungen:</b> ok / P = entspricht Prüfgrundlage            fail / F = entspricht nicht Prüfgrundlage            n.a. / N = nicht anwendbar         </td> <td style="width: 50%; border: none;"> <b>Abbreviations:</b> ok / P = passed            fail / F = failed            n.a. / N = not applicable         </td> </tr> </table>						<b>Abkürzungen:</b> ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar	<b>Abbreviations:</b> ok / P = passed fail / F = failed n.a. / N = not applicable										
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<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report relates to the a. m. 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. : 0114043121a 004  
Customer : Chi Mei Corporation  
Test Method : Total Cadmium, Lead, Mercury, Chromium  
- Ref. to IEC 62321-4:2013 and IEC 62321-5:2013  
Chromium (VI) – Ref. to EN 62321:2009 (IEC 62321:2008)  
(for Leather Material, Chromium (VI) - Ref. to ISO 17075:2007)  
PBBs, PBDEs – Ref. to IEC 62321-6:2015

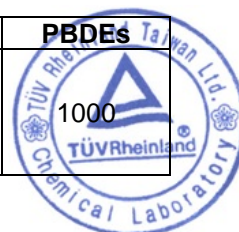
2016-01-22

Sample		LoD	KIBILITE® DS-501A/ DS-551A/ DS-601A/ DS-601Y/ DS-551Y/ DS-501Y/ DS-601S/ DS-551S/ DS-55SY/ DS-60SY/ DS-50SY/ DS-60SS/ DS-55SS/ DS-40SC/ DS-45SC plastic / white TCL151112-05
Material			
Lab.-No.			
Cadmium (Cd)	mg/kg	2	n.d.
Lead (Pb)	mg/kg	2	n.d.
Mercury (Hg)	mg/kg	2	n.d.
Chromium VI (Cr VI)	mg/kg	2	n.d.
<b>Sum of Polybrominated biphenyls (PBBs)</b>	mg/kg	-	n.d.
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	mg/kg	5	n.d.
Nonabromobiphenyl	mg/kg	5	n.d.
Decabromobiphenyl	mg/kg	5	n.d.
<b>Sum of Polybrominated diphenyl ethers (PBDEs)</b>	mg/kg	-	n.d.
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.

Notes:

- n.d. - not detected
- n.a. - not applicable
- LoD - Limit of Detection
- mg/kg is equal to ppm (parts per million)

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



Test Report No. : 0114043121a 004 2016-01-22  
Customer : Chi Mei Corporation  
Test Method : BBP/DBP/DEHP/DIBP - Organic solvent extraction, analyzed by GCMS (Ref. to DIN EN 62321-8:2014/ IEC 62321-8 (111/321/CD))  
Halogen - Following EN 14582; determination by I.C.

Sample	LoD	KIBILITE ® DS-501A/ DS-551A/ DS-601A/ DS-601Y/ DS-551Y/ DS-501Y/ DS-601S/ DS-551S/ DS-55SY/ DS-60SY/ DS-50SY/ DS-60SS/ DS-55SS/ DS-40SC/ DS-45SC plastic / white TCL151112-05
Material		
Lab.-No.		
Diethylhexylphthalate (DEHP) mg/kg	50	n.d.
Dibutylphthalate (DBP) mg/kg	50	n.d.
Benzylbutylphthalate (BBP) mg/kg	50	n.d.
Diisobutylphthalate (DIBP) mg/kg	50	n.d.

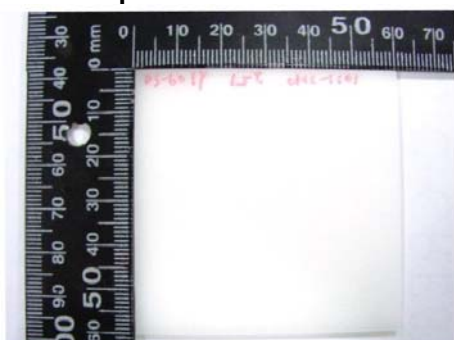
	BBP	DBP	DEHP	DIBP
<b>Maximum permissible Limit acc. to (EU) 2015/863 (mg/kg)</b>	1000	1000	1000	1000

Sample	KIBILITE ® DS-501A/ DS-551A/ DS-601A/ DS-601Y/ DS-551Y/ DS-501Y/ DS-601S/ DS-551S/ DS-55SY/ DS-60SY/ DS-50SY/ DS-60SS/ DS-55SS/ DS-40SC/ DS-45SC plastic / white TCL151112-05		
Material/color			
Lab.-No.			
Halogen	Unit	LoD	Result
Chlorine (Cl)	mg/kg	50	n.d.
Bromine (Br)	mg/kg	50	n.d.

Notes:

- n.d. - not detected
- n.a. - not applicable
- LoD - Limit of Detection
- mg/kg is equal to ppm (parts per million)

**Test Sample**

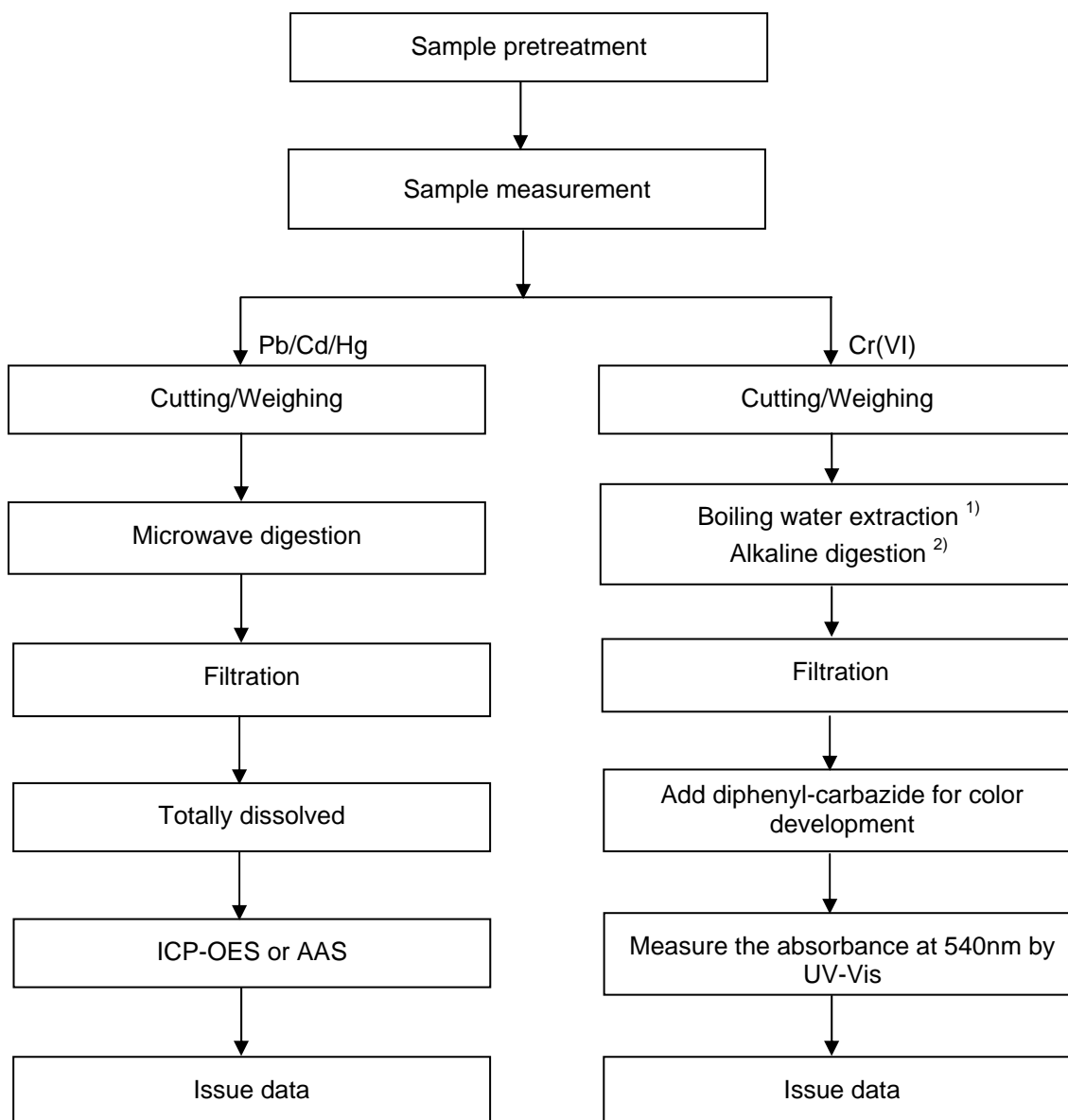


Test Report No. : 0114043121a 004  
Customer : Chi Mei Corporation

2016-01-22

### Testing procedure:

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



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

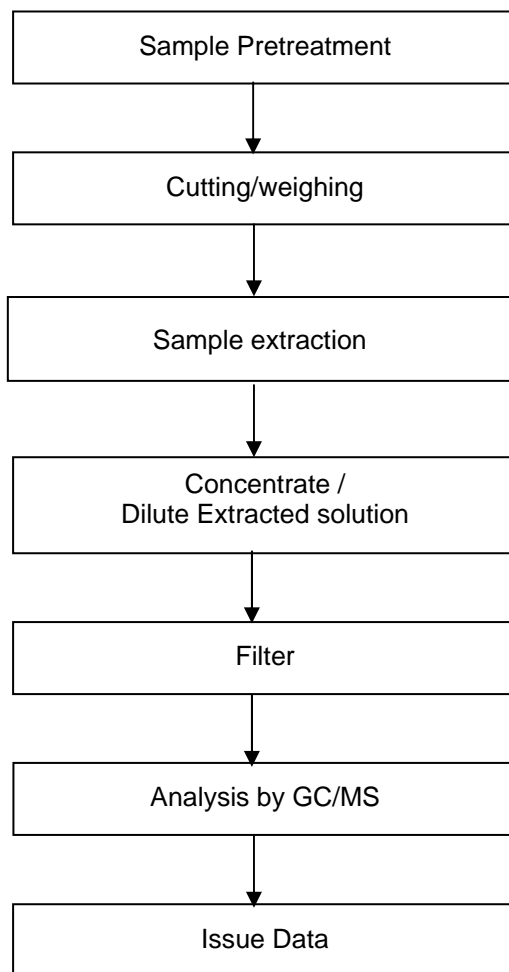


Test Report No. : 0114043121a 004  
Customer : Chi Mei Corporation

2016-01-22

**Testing procedure:**

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

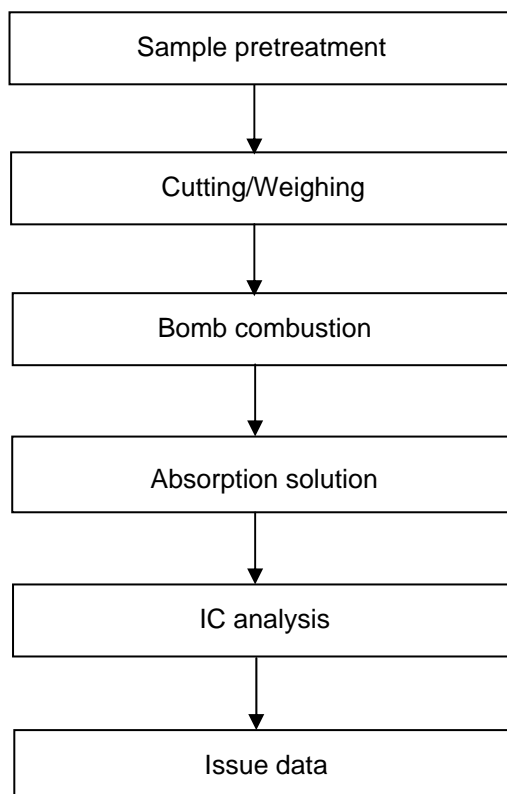


Test Report No. : 0114043121a 004  
Customer : Chi Mei Corporation

2016-01-22

**Testing procedure:**

Halogen



--- End of Test-Report ---

