

# CHEMICAL ANALYSIS TEST REPORT

Company : AMETHERM INC  
 Address : 3111 North Deer Run Road #4, Carson City, Nv 89701, USA.  
 Date Received : May 27, 2015  
 Date Tested : Jun 02, 2015  
 Tested Item : Pb、Cd、Hg、Cr<sup>6+</sup>、PBBs、PBDEs  
 Method : IEC 62321  
 Conclusion : Based on the performed tests on submitted samples, the results not comply with the RoHS 2011/65/EU and its subsequent amendments.

## TESTING LABORATORY IS ACCREDITED BY:

CNAS ISO/IEC 17025 certificate of independent test laboratory approval  
 Certificate No. : CNAS L3100

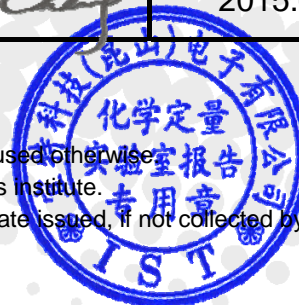
## WE HEREBY CERTIFY THAT:

The test(s) shown in the attachment were conducted according to the indicating procedures. We assume full responsibility for the accuracy and completeness of these tests and vouch for the qualifications of all personnel performing them.

	Name	Signature	Date
Engineer	Xiaohu Chen	<i>Xiaohu Chen</i>	2015.06.02
Reviewed	Ryback Chen	<i>Ryback Chen</i>	2015.06.02
Manger	Terry Cheng	<i>Terry Cheng</i>	2015.06.02

### NOTE :

1. This report will be invalid if reproduced in part or altered in any way.
2. This report refers only to the specimen(s) submitted to test, and is invalid if used otherwise.
3. This report is ONLY valid with the examination seal and signature of this institute.
4. The tested specimen(s) will only be preserved for thirty days from the date issued, if not collected by the applicant.





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## 1. GENERAL INFORMATION

### 1.1 DESCRIPTION OF SAMPLE

Sample Name : SL32 Family-pin、SL32 Family-body、SL18 Family-pin、  
SL18 Family-body、SL03 Family-pin、SL03 Family-body、  
SL05 Family-pin、SL05 Family-body、MS15 Family-pin、  
MS15 Family-body、SL32 Family-pin、SL32 Family-body、  
SL12 Family-pin、SL12 Family-body、MS35 Family-pin、  
MS35 Family-body、MS32 Family-pin、MS32 Family-body

Model No. : See Samples

Lot No. : ---

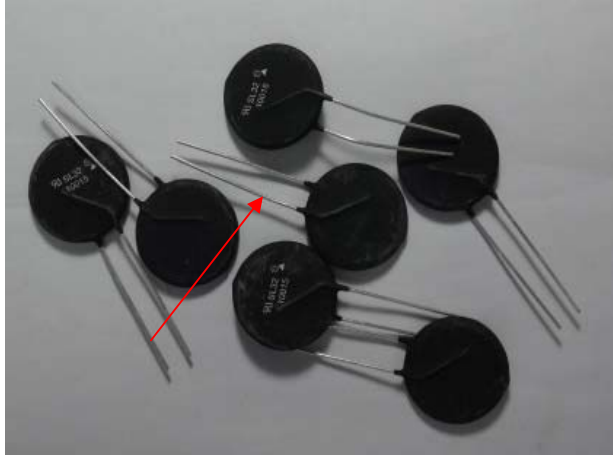
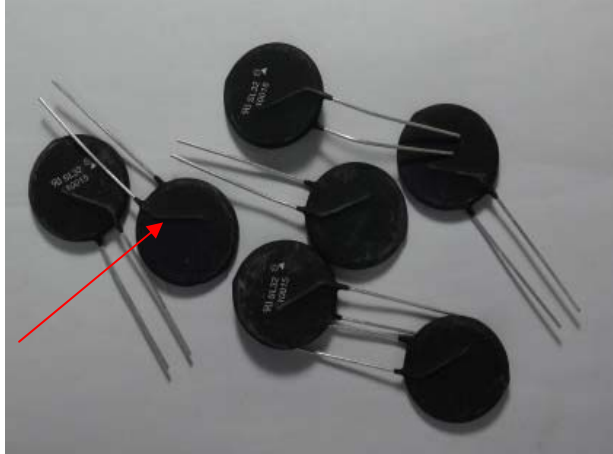
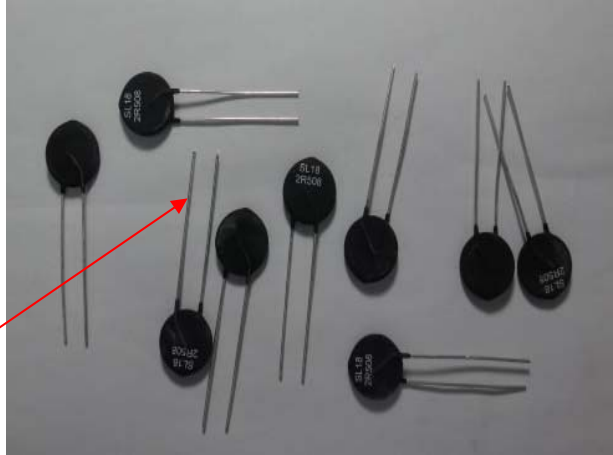
Material : ---

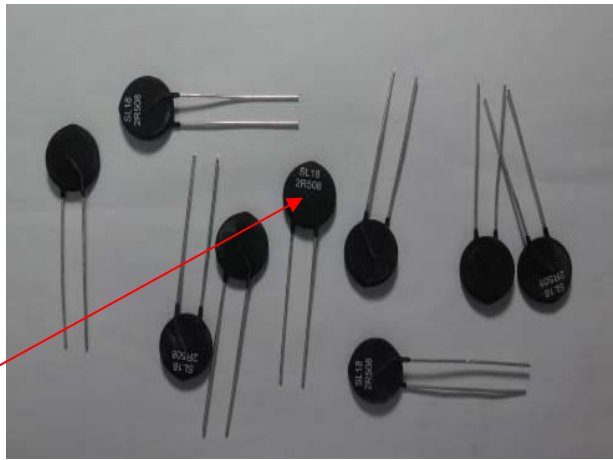


Main Substance : ---

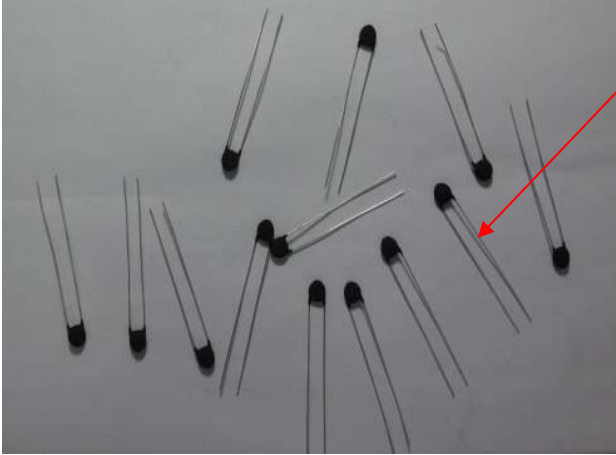
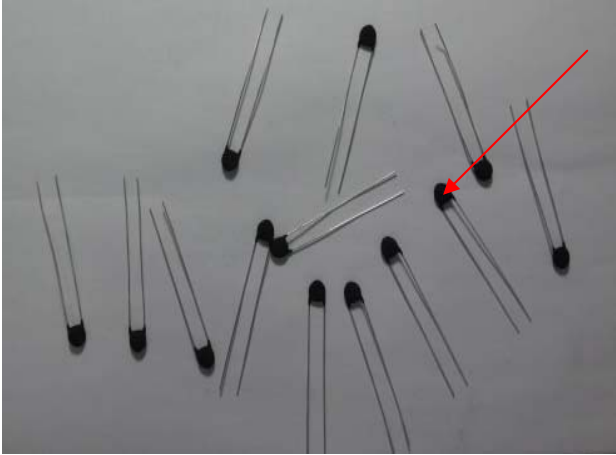

Buyer : ---


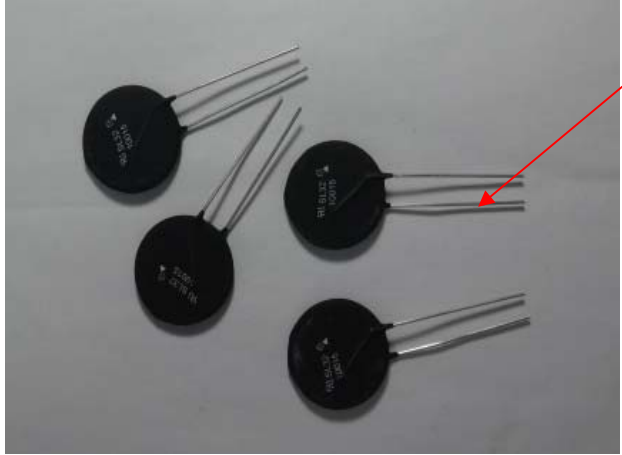
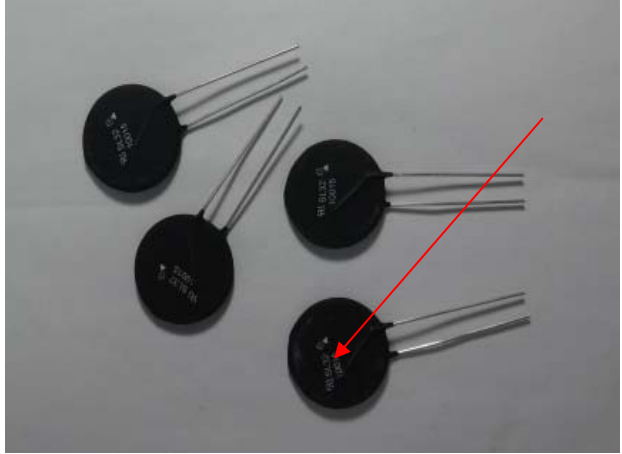
Supplier : ---

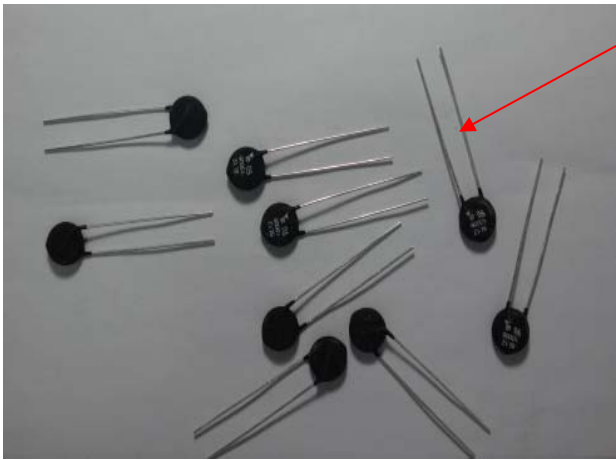
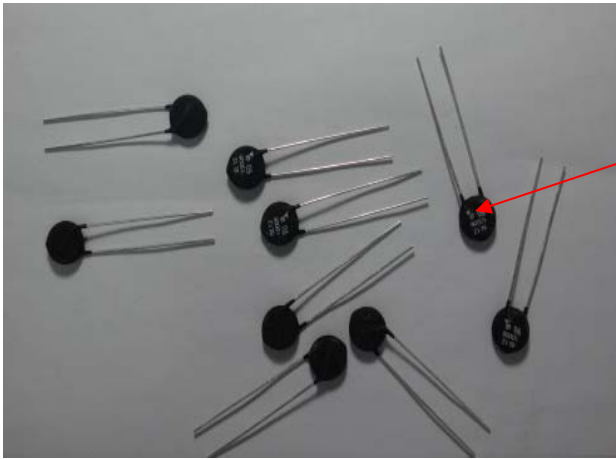
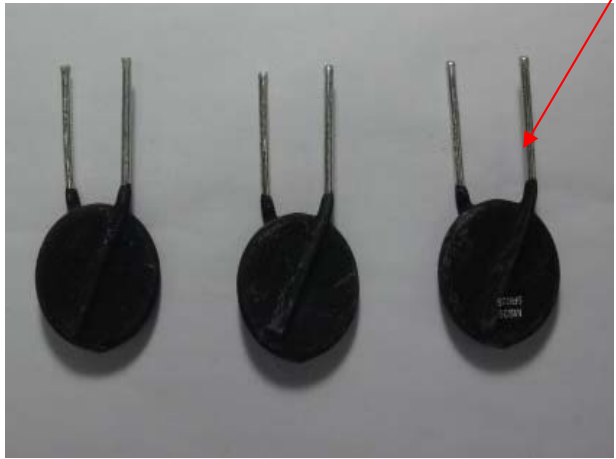
## 1.2 PHOTO OF SAMPLE

Sample NO.	Description of test part	Photo
18	metal	
19	plastic	
20	metal	

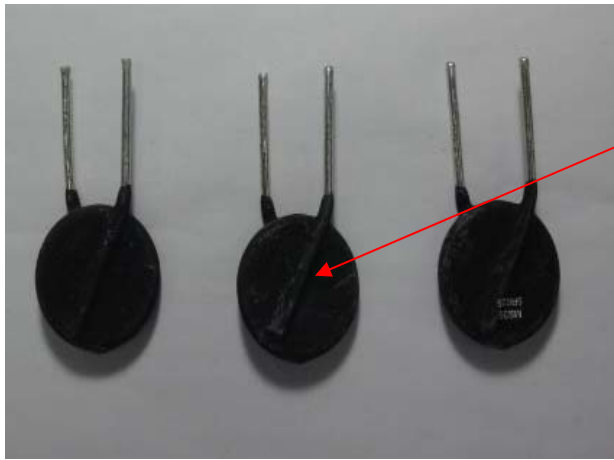

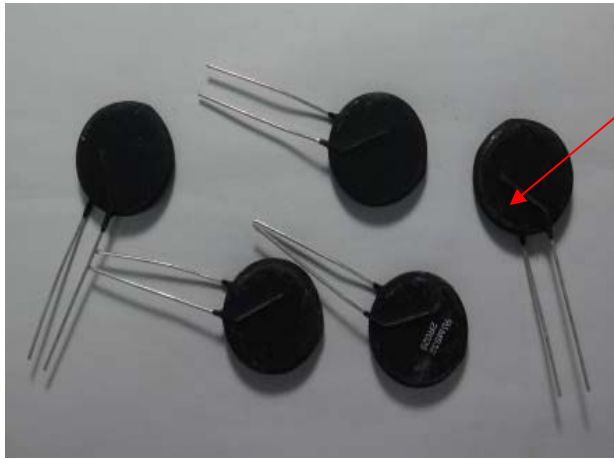
21	plastic	
22	metal	
23	plastic	

24	metal	
25	plastic	
26	metal	

27	plastic	
28	metal	
29	plastic	

30	metal	
31	plastic	
32	metal	



33	plastic	
34	metal	
35	plastic	

## 2.CHEMICAL ANALYSIS TEST

### 2.1 TEST CONDITIONS AND RESULTS

Sample No 18 : SL32 Family-pin

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 19 : SL32 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	1142	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 20 : SL18 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 21 : SL18 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	1038	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 22 : SL03 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 23 : SL03 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	1168	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 24 : SL05 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000



**Sample No 25 : SL05 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	2626	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 26 : MS15 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 27 : MS15 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	496	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 28 : SL32 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 29 : SL32 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	1196	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 30 : SL12 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 31 : SL12 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	772	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 32 : MS35 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	342	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000



**Sample No 33 : MS35 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	825	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 34 : MS32 Family-pin**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Sample No 35 : MS32 Family-body**

Test Item(s)	Method	Instrument	Unit	MDL	Result	RoHS Limit (mg/kg)
Pb	IEC 62321	ICP-OES	mg/kg	2	661	1000
Cd	IEC 62321	ICP-OES	mg/kg	2	N.D.	100
Hg	IEC 62321	ICP-OES	mg/kg	2	N.D.	1000
Cr <sup>6+</sup>	IEC 62321	UV-Vis	mg/kg	2	N.D.	1000
PBBs(Bromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Dibromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tribromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Tetrabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Pentabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Hexabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Heptabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Octabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Nonabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBBs(Decabromobiphenyl)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBBs)	---	---	---	---	N.D.	1000
PBDEs(Monobromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Dibromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tribromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Tetrabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Pentabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Hexabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Heptabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Octabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Nonabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
PBDEs(Decabromodiphenyl ether)	IEC 62321	GC/MS	mg/kg	5	N.D.	---
The above-mentioned total of (PBDEs)	---	---	---	---	N.D.	1000

**Notes :**

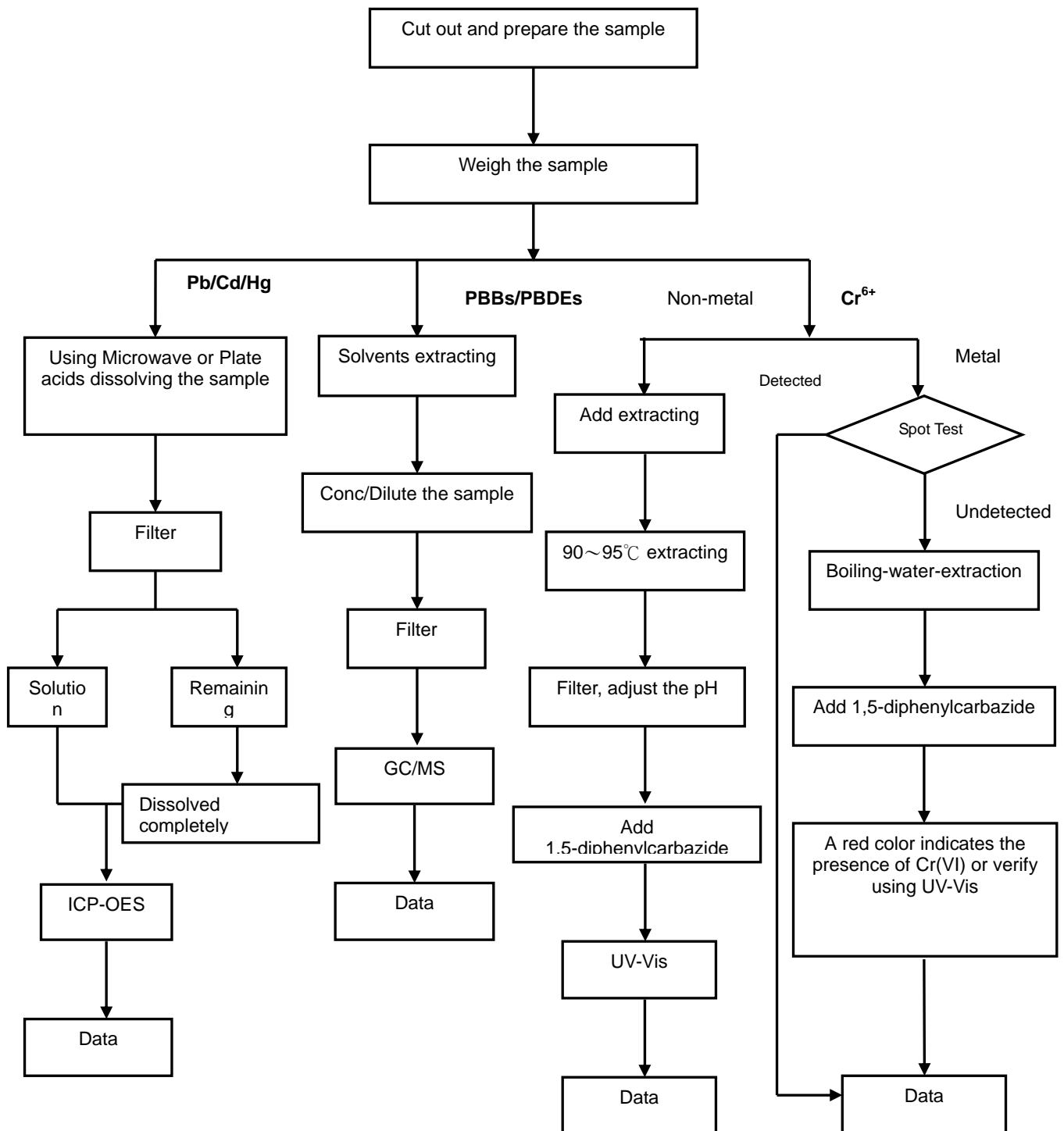
(1) N.D. = Not detected. (&lt; MDL) If the clients required the result must be value(s), the value just for reference.

(2) MDL = Method Detection Limit

(3) "----" Show that there is not specification value.

## 2.2 MEASUREMENT FLOW CHART

### Pb, Cd, Hg, Cr<sup>6+</sup>, PBBs, PBDEs : With reference to IEC 62321



-----End of Report-----