



Test Report

Report No : BST13123052Y-1RR-4 Date: Dec. 30, 2013

Page 1 of 10

Applicant : NINGBO HAISHU KINVEN BUSINESS CO.,LTD

Address : 5C-D, NO.65 SOUTH JIEFANG ROAD, NINGBO CITY, ZHEJIANG, CHINA.

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

Sample Name : Mosquito repellent bracelet

Sample Model : TW01,TW02,AMB103,AMB115

Sample Received Date : Dec. 15, 2013

Testing Period : Dec. 15, 2013 To Dec. 30, 2013

Test Requested : Selected test (s) in the selected parts as requested by client with the EU Directive 2002/95/EC (Latest directive 2011/65/EU) on the restriction of hazardous substances and Commission Decision 2005/618/EC-(RoHS Directive).

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Signed for and on behalf of

Andy Zheng/ Technical Director

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

Dongguan BST Testing Co., Ltd.

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen District,
Dongguan, Guangdong, China

Tel:400-880-2056

Fax:86-769-23020106

Http://www.bst-lab.com

Complaints hotline:86-755-26747756



Test Report

Report No : BST13123052Y-1RR-4 Date: Dec. 30, 2013

Page 2 of 10

Sample Description :

No.	Name	No.	Name
No.1	Blue fabric	No.8	Red silica
No.2	Black fabric	No.9	Green silica
No.3	Green fabric	No.10	Blue silica
No.4	Red fabric	No.11	Yellow Eva
No.5	Yellow fabric	No.12	Purple Eva
No.6	Pink silica	No.13	Red Eva
No.7	Yellow silica	No.14	Blue Eva

Test Result(A) :

Test Item(s)	Unit	Test Method (Reference)	Result					MDL	Limit
			No. 1	No. 2	No. 3	No. 4	No. 5		
Cadmium(Cd)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	N.D	N.D	N.D	2	100
Lead(Pb)	mg/kg	IEC 62321:2008, AAS	8	N.D	N.D	23	N.D	2	1000
Mercury(Hg)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	N.D	N.D	N.D	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D	N.D	N.D	N.D	N.D	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	--	1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



Test Report

Report No : BST13123052Y-IRR-4 Date: Dec. 30, 2013

Page 3 of 10

Test Item(s)	Unit	Test Method (Reference)	Result					MDL	Limit
			No. 1	No. 2	No. 3	No. 4	No. 5		
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



Test Report

Report No : BST13123052Y-IRR-4 Date: Dec. 30, 2013

Page 4 of 10

Test Result(B):

Test Item(s)	Unit	Test Method (Reference)	Result					MDL	Limit
			No. 6	No. 7	No. 8	No.9	No.10		
Cadmium(Cd)	mg/kg	IEC 62321:2008, AAS	N.D	5	N.D	N.D	N.D	2	100
Lead(Pb)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	15	12	N.D	2	1000
Mercury(Hg)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	N.D	N.D	N.D	2	1000
Hexavalent Chromium(Cr VI)	mg/kg	IEC 62321:2008, UV-Vis	N.D	N.D	N.D	N.D	N.D	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	--	1000
Monobromobi phenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Dibromobiphe nyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tribromobiphe nyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tetrabromobip henyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Pentabromobi phenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Hexabromobip henyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Heptabromobi phenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Octabromobip henyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Nonabromobip henyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Decabromobip henyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	--	1000

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



Test Report

Report No : BST13123052Y-IRR-4 Date: Dec. 30, 2013

Page 5 of 10

st Item(s)	Unit	Test Method (Reference)	Result					MDL	Limit
			No. 6	No. 7	No. 8	No. 9	No.10		
Monobromodi phenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Dibromodiphe nyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tribromodiphe nyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Tetrabromodip henyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Pentabromodi phenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Hexabromodip henyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Heptabromodi phenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Octabromodip henyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Nonabromodip henyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--
Decabromodip henyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	N.D	5	--

Test Result(C):

Test Item(s)	Unit	Test Method (Reference)	Result				MDL	Limit
			No.11	No. 12	No. 13	No. 14		
Cadmium(Cd)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	N.D	N.D	2	100
Lead(Pb)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	N.D	N.D	2	1000
Mercury(Hg)	mg/kg	IEC 62321:2008, AAS	N.D	N.D	N.D	N.D	2	1000
Hexavalent Chrommium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D	N.D	N.D	N.D	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	--	1000

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



Test Report

Report No : BST13123052Y-1RR-4 Date: Dec. 30, 2013

Page 6 of 10

Test Item(s)	Unit	Test Method (Reference)	Result				MDL	Limit
			No. 11	No. 12	No.13	No. 14		
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	--	1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



Test Report

Report No : BST13123052Y-1RR-4 Date: Dec. 30, 2013

Page 7 of 10

Test Item(s)	Unit	Test Method (Reference)	Result				MDL	Limit
			No. 11	No. 12	No. 13	No. 14		
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D	N.D	N.D	N.D	5	--

- Note:**
1. mg/kg= ppm
 2. N.D= No Detection(<MDL)
 3. MDL = Method Detection Limit
 4. -- =No Testing

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

Shenzhen BST Technology Co., Ltd.

3F, Weames Technology Building, No. 10 Kefa Road, Science Park, Nanshan District, Shenzhen, Guangdong, China
Tel: 86-755-26747751 Fax: 86-755-26504032
Http://www.bst-lab.com Email: info@bst-lab.com



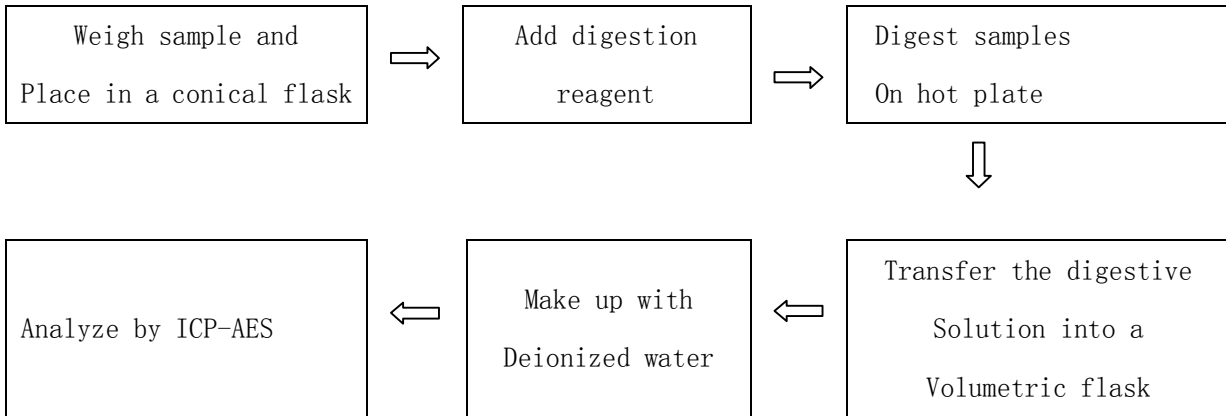
Test Report

Report No : BST13123052Y-IRR-4 Date: Dec. 30, 2013

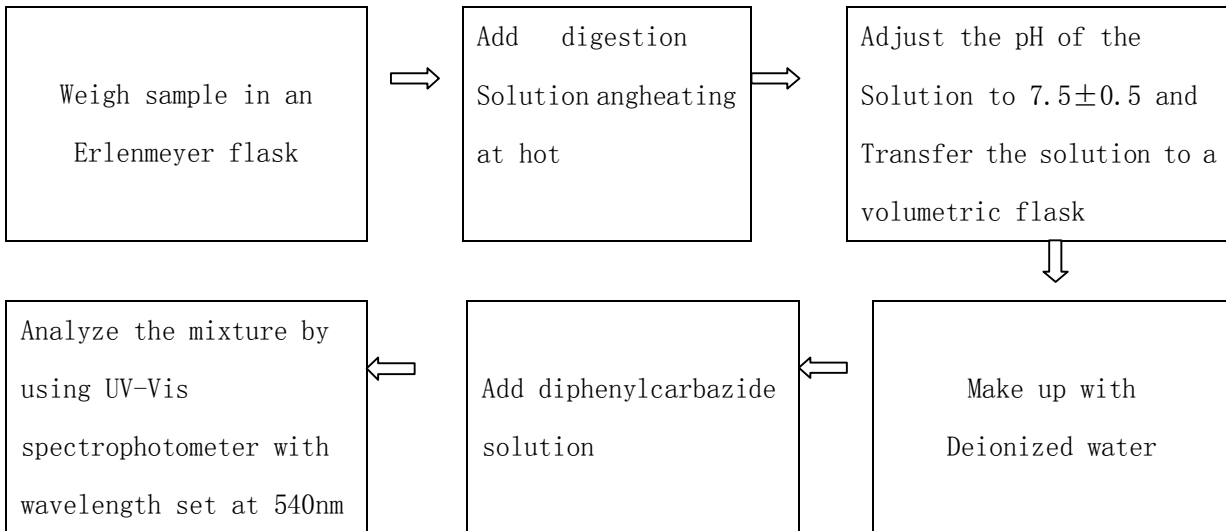
Page 8 of 10

Test Process:

1. Test for Cd/Pb Content



2. Test for Chromium(VI) Content



This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

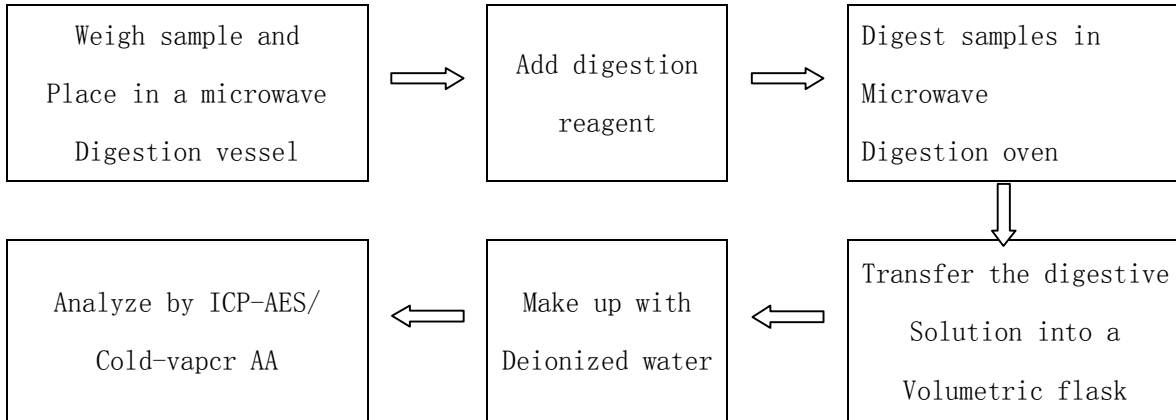


Test Report

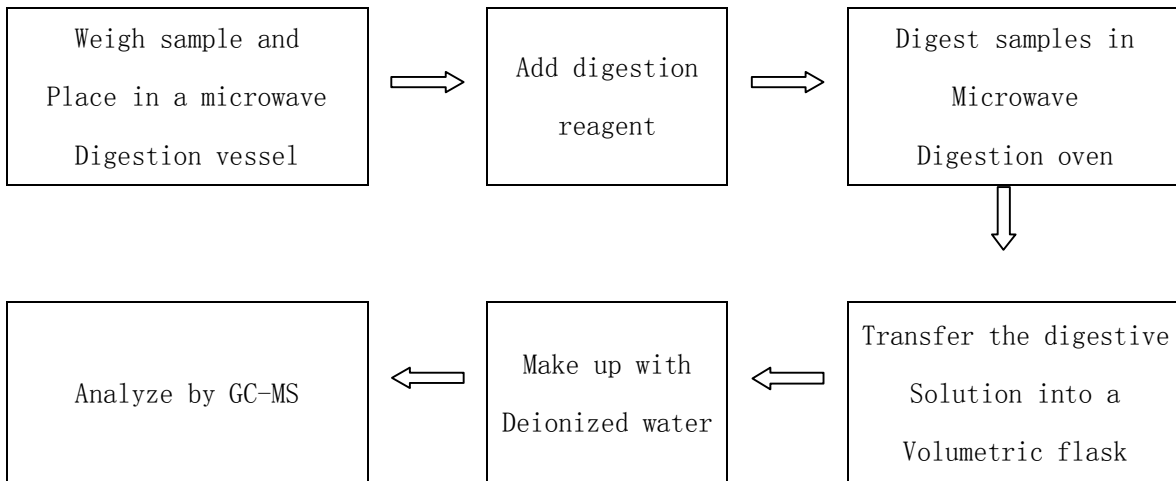
Report No : BST13123052Y-1RR-4 Date: Dec. 30, 2013

Page 9 of 10

3. Test for Hg Contents



4. Test for PBBs, PBDES



This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



Test Report

Report No : BST13123052Y-IRR-4 Date: Dec. 30, 2013

Page 10 of 10

Sample photo:



End of report

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.