



上海出入境检验检疫局
机电产品检测技术中心

Machinery & Electrical Products Testing Center of Shanghai CIQ



No.L0801

Report No.: SH100478-9

Ref No.: 100621C09001

Date: 6/25/2010

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Test Report

Applicant:

Address:

Sample Description:	The submitted sample(s) stated to be LDPE		
Model No.:	--	Listed No.:	--
Lot No.:	--	Main Substances:	--
Buyer:	--		
Supplier/Manu facture:	--		

Date Received: Jun. 21, 2010

Test Period: Jun. 21, 2010 –Jun. 25, 2010

Test Requested: Please refer to next pages

Test Method: Please refer to next pages

Test Process: Please refer to next pages

Test Result: Please refer to next pages

Conclusion: Based on the performed tests on submitted samples, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

For and on behalf of

SMEC

MiaoJunwen

Director

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Test Requested:

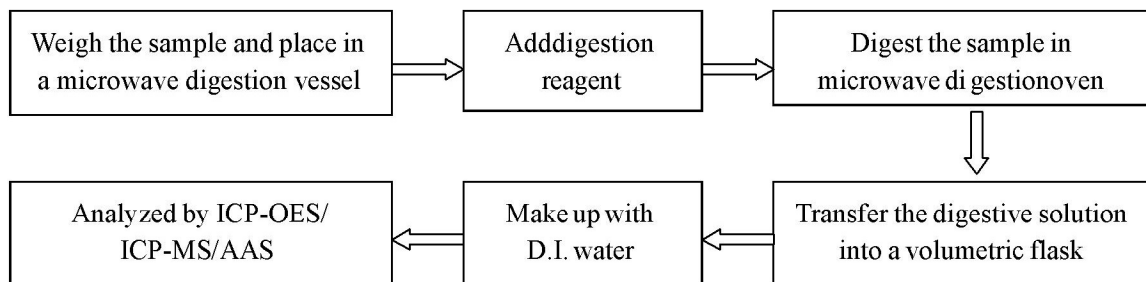
- 1) To determine the Cadmium content of the submitted sample(s)
- 2) To determine the Lead content of the submitted sample(s)
- 3) To determine the Mercury content of the submitted sample(s)
- 4) To determine the Hexavalent Chromium content of the submitted sample(s)
- 5) To determine the PBBs and PBDEs contents of the submitted sample(s)

Test Method:

- 1) With reference to IEC 62321:2008. Determination of Cadmium by ICP-OES/ ICP-MS/ AAS
- 2) With reference to IEC 62321:2008. Determination of Lead by ICP-OES/ ICP-MS/ AAS
- 3) With reference to IEC 62321:2008. Determination of Mercury by CV-AAS/ CV-AFS/ ICP-OES/ ICP-MS
- 4) With reference to IEC 62321:2008. Determination of Hexavalent Chromium by UV-Vis
- 5) With reference to IEC 62321:2008. Determination of PBBs and PBDEs by GC/MS

Test Process:

- 1) To determine the content of Pb/Cd with reference to IEC 62321:2008 Sec.8/10



The samples were dissolved totally by pre-conditioning method according to above flow chart

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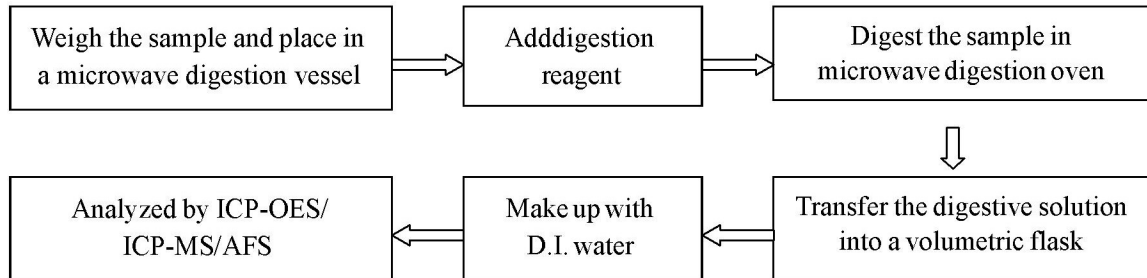
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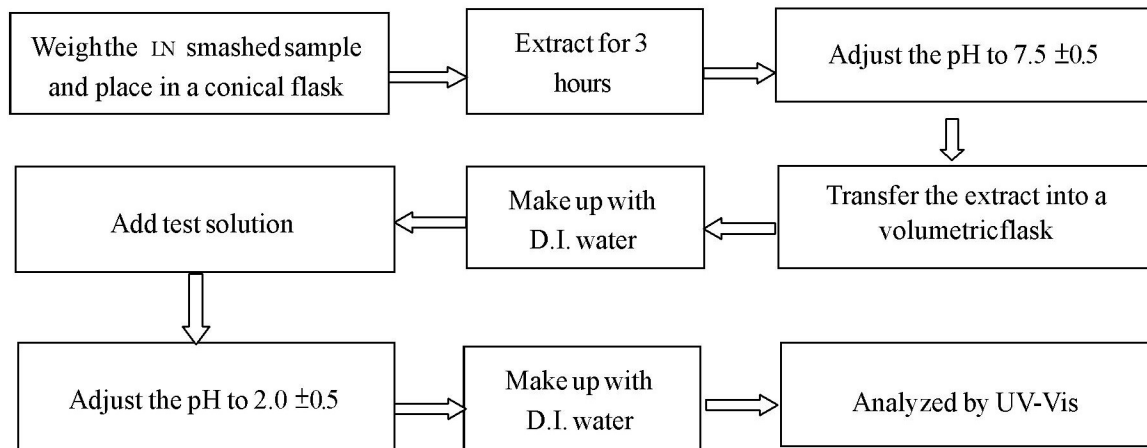
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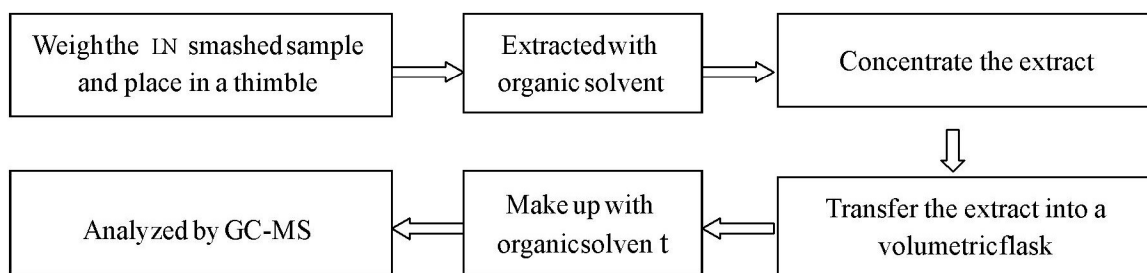
2) To determine the content of Hg with reference to IEC 62321:2008 Sec.7



3) To determine the content of Cr⁶⁺ with reference to IEC 62321:2008 Annex C



4) To determine the contents of PBBs/ PBDEs with reference to IEC 62321:2008 Annex A



Pretreatment: Dong Shuangyan/ Xu Hua/ Li Guangming

Data Review: Wei Biwen

Analysis: Zheng Yi/ Lin Li/ Yu Wenjia

Report Preparation: Chen Jingjing

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Test result summary on sample: LDPE

Test Item	Unit	Result	Reporting Limit	RoHS Limit
Cadmium(Cd)	mg/kg	ND	2	100
Lead (Pb)	mg/kg	ND	2	1000
Mercury (Hg)	mg/kg	ND	2	1000
Hexavalent Chromium (Cr VI)	mg/kg	ND	2	1000
Polybrominated Biphenyls (PBBs)				
1. Monobromobiphenyls	mg/kg	ND	5	--
2. Dibromobiphenyls	mg/kg	ND	5	--
3. Tribromobiphenyls	mg/kg	ND	5	--
4. Tetrabromobiphenyls	mg/kg	ND	5	--
5. Pentabromobiphenyls	mg/kg	ND	5	--
6. Hexabromobiphenyls	mg/kg	ND	5	--
7. Heptabromobiphenyls	mg/kg	ND	5	--
8. Octabromobiphenyls	mg/kg	ND	5	--
9. Nonabromobiphenyls	mg/kg	ND	5	--
10. Decabromobiphenyls	mg/kg	ND	5	--
Sum of PBBs	mg/kg	ND	--	1000
Polybrominated Diphenyl Ethers (PBDEs)				
1. Monobromodiphenyl ethers	mg/kg	ND	5	--
2. Dibromodiphenyl ethers	mg/kg	ND	5	--
3. Tribromodiphenyl ethers	mg/kg	ND	5	--
4. Tetrabromodiphenyl ethers	mg/kg	ND	5	--
5. Pentabromodiphenyl ethers	mg/kg	ND	5	--
6. Hexabromodiphenyl ethers	mg/kg	ND	5	--
7. Heptabromodiphenyl ethers	mg/kg	ND	5	--
8. Octabromodiphenyl ethers	mg/kg	ND	5	--
9. Nonabromodiphenyl ethers	mg/kg	ND	5	--
10. Decabromodiphenyl ethers	mg/kg	ND	5	--
Sum of PBDE s	mg/kg	ND	--	1000

Note :

- 1) mg/kg=ppm
- 2) ND = Not detected, which will be showed if below reporting limit
- 3) -- = Not applicable

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Test Report

ANNEX

Sample Photo



*****End of Report*****