

# Test Report

No.: EM160106042C002

Date: Jan. 11, 2016

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**Applicant** : DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO.,LTD  
**委托单位** : 东莞市贝特电子科技股份有限公司  
**Address** : 2ND INDUSTRIAL ZONE, NANMEN VILLAGE, HENGKENG  
ADMINISTRATIVE ZONE, LIAOBU TOWN, DONGGUAN, GUANGDONG  
PROVINCE, P.R.CHINA  
**地 址** : 广东省东莞市寮步镇横坑南门村第二工业区

**Sample Name** : Ceramic tube fuse  
**样品名称** : 陶瓷管保险丝  
**Model** : AF63  
**型号** : AF63  
**Reference No.** : 211、212、241、244、333、334、316、0603、0402、0601、121、123、  
124、613、614、615、523、524、525、BTT、BTW、BTS、2 in 1  
**参考型号** : 211、212、241、244、333、334、316、0603、0402、0601、121、123、  
124、613、614、615、523、524、525、BTT、BTW、BTS、二合一

**Manufacturer/Supplier** : Better  
**供应商/制造商** : 贝特

**Received Date** : Jan. 06, 2016  
**接收日期** : 2016年01月06日  
**Test Period** : Jan. 06, 2016 ~ Jan. 11, 2016  
**检测日期** : 2016年01月06日~2016年01月11日

**Test Requested** : As specified by client, according to REACH Regulation (EC) No. 1907/2006, to  
determine the content of the one hundred and Sixty eight Substances of Very High  
Concern (SVHC) in the submitted sample.  
**检测要求** : 依照客户申请, 根据欧盟 REACH 法规(EC) No. 1907/2006 要求测定所提交样品中一百六  
十八种高度关注物质的含量。  
**Test Results** : Please refer to next page(s).  
**检测结果** : 请参照随后页面。

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**Summary:**  
总结:

According to the specified scope and analytical techniques, concentrations of SVHC are less than 0.1%(w/w) in the submitted sample. 根据指定范围和分析技术, 委托样品中高度关注物质(SVHC)的浓度均小于 0.1%(w/w)	PASS 通过
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Signed for and on behalf of  
EMTEK (Shenzhen) Co., Ltd.

Tested by:

*Tim*  
Tim

Test engineer

Reviewed by:

*Jerry*  
Jerry

Technical supervisor

Approved by:

*Jason*  
Jason

Authorized signatory  
Jan. 11, 2016

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**Test Results :**

检测结果 :

No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
001	4,4'- Diaminodiphenylmethane 4,4'-二氨基二苯基甲烷	101-77-9	ND	0.005	Carcinogenic
002	Benzyl butyl phthalate 邻苯二甲酸丁苄酯	85-68-7	ND	0.005	Toxic for reproduction
003	Bis (2-ethylhexyl)phthalate 邻苯二甲酸二(2-乙基己)酯	117-81-7	ND	0.005	Toxic for reproduction
004	Dibutyl phthalate 邻苯二甲酸二丁酯	84-74-2	ND	0.005	Toxic for reproduction
005	Anthracene 蒽	120-12-7	ND	0.005	PBT
006	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	ND	0.005	vPvB
007	Short Chain Chlorinated Paraffins <sup>#</sup> 短链氯化石蜡 <sup>#</sup>	85535-84-8	ND	0.01	PBT and vPvB
008	Cobalt dichloride* 二氯化钴*	7646-79-9	ND	0.01	Carcinogenic and toxic for reproduction
009	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified α- HBCDD β- HBCDD γ- HBCDD 六溴环十二烷及其主要费对应异构体 α- HBCDD β- HBCDD γ- HBCDD	3194-55-6 <sup>(3)</sup> 25637-99-4 <sup>(4)</sup> (134237-50-6) (134237-51-7) (134237-52-8)	ND	0.005	PBT
010	Sodium dichromate* 重铬酸钠*	7789-12-0 <sup>(1)</sup> , 10588-01-9 <sup>(2)</sup>	ND	0.01	Carcinogenic, mutagenic and toxic for reproduction
011	Bis(tributyltin)oxide* 氧化双三丁基锡*	56-35-9	ND	0.005	PBT
012	Diarsenic pentaoxide* 五氧化二砷*	1303-28-2	ND	0.01	Carcinogenic
013	Diarsenic trioxide* 三氧化二砷*	1327-53-3	ND	0.01	Carcinogenic
014	Triethyl arsenate* 三乙基砷酸酯*	15606-95-8	ND	0.01	Carcinogenic

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			Ceramic tube fuse 陶瓷管保险丝		
015	Lead hydrogen arsenate* 砷酸氢铅*	7784-40-9	ND	0.01	Carcinogenic and toxic for reproduction
016	2,4-Dinitrotoluene 二硝基甲苯	121-14-2	ND	0.01	Carcinogenic
017	Anthracene oil# 蒽油#	90640-80-5	ND	0.05	Carcinogenic <sup>1</sup> , PBT and vPvB
018	Anthracene oil, anthracene paste, distn. lights# 蒽油, 蒽糊, 轻油#	91995-17-4	ND	0.05	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB
019	Anthracene oil, anthracene paste, anthracene fraction# 蒽油, 蒽糊, 蒽馏分#	91995-15-2	ND	0.05	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB
020	Anthracene oil, anthracene-low# 蒽油, 含蒽量少#	90640-82-7	ND	0.05	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB
021	Anthracene oil, anthracene paste# 蒽油, 蒽糊#	90640-81-6	ND	0.05	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB
022	Diisobutyl phthalate 邻苯二甲酸二异丁酯 (DIBP)	84-69-5	ND	0.005	Toxic for reproduction
023	Lead chromate* 铬酸铅*	7758-97-6	ND	0.05	Carcinogenic and toxic for reproduction
024	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)* 钼铬红; C. I. 颜料红 104*	12656-85-8	ND	0.05	Carcinogenic and toxic for reproduction
025	Lead sulphochromate yellow (C.I. Pigment Yellow 34)* 铬酸铅; C. I. 颜料黄 34*	1344-37-2	ND	0.05	Carcinogenic and toxic for reproduction
026	Tris(2-chloroethyl)phosphate 三(2-氯乙基)磷酸酯	115-96-8	ND	0.01	Toxic for reproduction
027	Pitch, coal tar, high temp. # 煤沥青, 高温#	65996-93-2	ND	0.05	Carcinogenic, PBT and vPvB
028	Acrylamide 丙烯酰胺	79-06-1	ND	0.01	Carcinogenic and mutagenic
029	Trichloroethylene 三氯乙烯	79-01-6	ND	0.005	Carcinogenic
030	Boric acid* 硼酸*	10043-35-3 11113-50-1	ND	0.01	Toxic for reproduction
031	Disodium tetraborate, anhydrous* 无水四硼酸钠 *	1303-96-4 1330-43-4 12179-04-3	ND	0.01	Toxic for reproduction

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			Ceramic tube fuse 陶瓷管保险丝		
032	Tetraboron disodium heptaoxide, hydrate* 水合四硼酸钠*	12267-73-1	ND	0.01	Toxic for reproduction
033	Sodium chromate* 铬酸钠*	7775-11-3	ND	0.01	Carcinogenic, mutagenic and toxic for reproduction
034	Potassium chromate* 铬酸钾*	7789-00-6	ND	0.01	Carcinogenic and mutagenic
035	Ammonium dichromate* 重铬酸铵*	7789-09-5	ND	0.01	Carcinogenic, mutagenic and toxic for reproduction
036	Potassium dichromate* 重铬酸钾*	7778-50-9	ND	0.01	Carcinogenic, mutagenic and toxic for reproduction
037	Cobalt(II) sulphate* 硫酸钴*	10124-43-3	ND	0.01	Carcinogenic and toxic for reproduction
038	Cobalt(II) dinitrate* 硝酸钴*	10141-05-6	ND	0.01	Carcinogenic and toxic for reproduction
039	Cobalt(II) carbonate* 碳酸钴*	513-79-1	ND	0.01	Carcinogenic and toxic for reproduction
040	Cobalt(II) diacetate* 乙酸钴*	71-48-7	ND	0.01	Carcinogenic and toxic for reproduction
041	2-Methoxyethanol 乙二醇单甲醚	109-86-4	ND	0.005	Toxic for reproduction
042	2-Ethoxyethanol 乙二醇单乙醚	110-80-5	ND	0.005	Toxic for reproduction
043	Chromium trioxide* 三氧化铬*	1333-82-0	ND	0.01	Carcinogenic and mutagenic
044	Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid* 从三氧化铬产生的酸类以及它们的低聚物: 铬酸*	7738-94-5 13530-68-2	ND	0.01	Carcinogenic
045	2-Ethoxyethyl acetate 乙二醇乙醚乙酸酯	111-15-9	ND	0.01	Toxic for reproduction
046	Strontium chromate* 铬酸锶*	7789-06-2	ND	0.01	Carcinogenic

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			Ceramic tube fuse 陶瓷管保险丝		
047	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-苯二酸-二(C7-11支链与直链)烷基酯 (DHNUP)	68515-42-4	ND	0.01	Toxic for reproduction
048	Hydrazine 肼	302-01-2, 7803-57-8	ND	0.01	Carcinogenic
049	1-Methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4	ND	0.01	Toxic for reproduction
050	1,2,3-Trichloropropane 1,2,3-三氯丙烷	96-18-4	ND	0.01	Carcinogenic and toxic for reproduction
051	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich 邻苯二甲酸二 C6-8 支链烷基酯(富 C7) (DIHP)	71888-89-6	ND	0.01	Toxic for reproduction
052	Dichromium tris(chromate)* 铬酸铬*	24613-89-6	ND	0.01	Carcinogenic
053	Potassium hydroxyoctaoxodizincatedichromate* 氢氧化铬酸锌钾*	11103-86-9	ND	0.01	Carcinogenic
054	Pentazinc chromate octahydroxide* 八水合铬酸锌*	49663-84-5	ND	0.01	Carcinogenic
055	Zirconia Aluminosilicate Refractory Ceramic Fibres*# 氧化锆硅酸铝耐火陶瓷纤维*#	---	ND	0.05	Carcinogenic
056	Aluminosilicate Refractory Ceramic Fibres (RCF) *# 硅酸铝耐火陶瓷纤维*#	---	ND**	0.05	Carcinogenic
057	Formaldehyde, oligomeric reaction products with aniline 甲醛与苯胺的聚合物	25214-70-4	ND	0.01	Carcinogenic
058	Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧乙酯 (DMEP)	117-82-8	ND	0.005	Toxic for reproduction
059	2-Methoxyaniline; o-Anisidine 邻甲氧基苯胺	90-04-0	ND	0.005	Carcinogenic
060	4-(1,1,3,3-tetramethylbutyl)phenol 对特辛基苯酚	140-66-9	ND	0.005	Equivalent level of concern having probable serious effects to the environment
061	1,2-dichloroethane 1,2-二氯乙烷	107-06-2	ND	0.005	Carcinogenic
062	Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	ND	0.005	Toxic for reproduction
063	Arsenic acid* 砷酸*	7778-39-4	ND	0.01	Carcinogenic

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			Ceramic tube fuse 陶瓷管保险丝		
064	Calcium arsenate* 砷酸钙*	7778-44-1	ND	0.01	Carcinogenic
065	Trilead diarsenate* 砷酸铅*	3687-31-8	ND	0.01	Carcinogenic and toxic for reproduction
066	N,N-dimethylacetamide N,N-二甲基乙酰胺	127-19-5	ND	0.005	Toxic for reproduction
067	2,2'-dichloro-4,4'-methylenedianiline 2,2'-二氯-4,4'亚甲基二苯胺	101-14-4	ND	0.005	Carcinogenic
068	Phenolphthalein 酚酞	77-09-8	ND	0.005	Carcinogenic
069	Lead diazide, Lead azide* 迭氮化铅*	13424-46-9	ND	0.01	Toxic for reproduction
070	Lead styphnate* 收敛酸铅*	15245-44-0	ND	0.01	Toxic for reproduction
071	Lead dipicrate* 苦味酸铅*	6477-64-1	ND	0.01	Toxic for reproduction
072	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 1, 2-二甲氧基乙烷	110-71-4	ND	0.01	Toxic for reproduction
073	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	112-49-2	ND	0.01	Toxic for reproduction
074	Diboron trioxide* 三氧化二硼*	1303-86-2	ND	0.01	Toxic for reproduction
075	Formamide 甲酰胺	75-12-7	ND	0.01	Toxic for reproduction
076	Lead(II) bis(methanesulfonate)* 甲磺酸铅(II) *	17570-76-2	ND	0.01	Toxic for reproduction
077	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5- triazinane-2,4,6-trione (TGIC) 异氰尿酸三缩水甘油酯	2451-62-9	ND	0.01	Mutagenic
078	1,3,5-tris[(2S and 2R)-2,3- epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione (β-TGIC) 异氰尿酸β-三缩水甘油酯	59653-74-6	ND	0.01	Mutagenic
079	4,4'-bis (dimethylamino) benzophenone (Michler's ketone) 4,4'-四甲基二氨基二苯酮	90-94-8	ND	0.01	Carcinogenic
080	N,N,N',N'-tetramethyl-4,4'- methylenedianiline(Michler's base) N,N,N',N' - 四甲基 - 4,4' - 亚甲基二苯 胺	101-61-1	ND	0.01	Carcinogenic

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			Ceramic tube fuse 陶瓷管保险丝		
081	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] C.I. 碱性紫 3	548-62-9	ND	0.01	Carcinogenic
082	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] C.I. 碱性蓝 26	2580-56-5	ND	0.01	Carcinogenic
083	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] C.I. 溶剂蓝 4	6786-83-0	ND	0.01	Carcinogenic
084	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] 4,4' - 二 (二甲氨基) 苯基-4- (甲氨基) 三苯甲基醇	561-41-1	ND	0.01	Carcinogenic
085	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 十溴联苯醚	1163-19-5	ND	0.05	PBT; vPvB
086	Pentacosafuorotridecanoic acid 全氟十三酸	72629-94-8	ND	0.05	vPvB
087	Tricosafuorododecanoic acid 全氟十二烷酸	307-55-1	ND	0.05	vPvB
088	Henicosafuoroundecanoic acid 全氟十一烷酸	2058-94-8	ND	0.05	vPvB

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			Ceramic tube fuse 陶瓷管保险丝		
089	Heptacosafuorotetradecanoic acid 全氟代十四酸	376-06-7	ND	0.05	vPvB
090	Diazene-1,2-dicarboxamide (C,C'- azodi(formamide)) 偶氮二甲酰胺	123-77-3	ND	0.05	Equivalent level of concern having probable serious effects to human health
091	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2- dicarboxylic anhydride [2], trans- cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry] 六氢邻苯二甲酸酐、 c 六氢-1,3-异苯并呋喃二酮、 反-1,2-环己烷二羧酸酐	85-42-7, 13149-00-3, 14166-21-3	ND	0.05	Equivalent level of concern having probable serious effects to human health
092	Hexahydromethylphthalic anhydride [1],Hexahydro-4-methylphthalic anhydride [2],Hexahydro-1- methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry] 甲基六氢苯酐、 4-甲基六氢苯酐、 甲基六氢化邻苯二甲酸酐、 3-甲基六氢苯二甲酯酐	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	ND	0.05	Equivalent level of concern having probable serious effects to human health
093	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] # 4-壬基(支链与直链)苯酚(含有线性 或分支、共价绑定苯酚的9个碳烷基 链的物质,包括UVCB物质以及任何 含有独立或组合的界定明确的同分异 构体的物质) #	---	ND	0.05	Equivalent level of concern having probable serious effects to the environment

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
094	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] # 对特辛基苯酚乙氧基醚（包括界定明确的物质以及 UVCB 物质、聚合物和同系物）#	---	ND	0.05	Equivalent level of concern having probable serious effects to the environment
095	Methoxyacetic acid 甲氧基乙酸	625-45-6	ND	0.05	Toxic for reproduction
096	N,N-dimethylformamide N,N-二甲基甲酰胺	68-12-2	ND	0.05	Toxic for reproduction
097	Dibutyltin dichloride (DBTC) 二丁基二氯化锡 (DBTC)	683-18-1	ND	0.05	Toxic for reproduction
098	Lead monoxide (lead oxide)* 氧化铅*	1317-36-8	ND	0.01	Toxic for reproduction
099	Orange lead (lead tetroxide)* 四氧化三铅*	1314-41-6	ND	0.01	Toxic for reproduction
100	Lead bis(tetrafluoroborate)* 四氟硼酸铅*	13814-96-5	ND	0.01	Toxic for reproduction
101	Trilead bis(carbonate)dihydroxide* 碱式碳酸铅*	1319-46-6	ND	0.01	Toxic for reproduction
102	Lead titanium trioxide* 钛酸铅*	12060-00-3	ND	0.01	Toxic for reproduction
103	Lead titanium zirconium oxide* 钛酸铅锆*	12626-81-2	ND	0.01	Toxic for reproduction
104	Silicic acid, lead salt* 硅酸铅*	11120-22-2	ND	0.01	Toxic for reproduction
105	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1)*, lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] 掺杂铅的硅酸钡*（铅含量超出 CLP 指令表述的致生殖毒性 1A、DSD 指令致生殖毒性 1 类的通用限制浓度限值；(EC) No 1272/2008 下指引号为 082-001-00-6 的一组含铅化合物）	68784-75-8	ND	0.01	Toxic for reproduction

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
106	1-bromopropane (n-propyl bromide) 溴代正丙烷	106-94-5	ND	0.05	Toxic for reproduction
107	Methyloxirane (Propylene oxide) 环氧丙烷	75-56-9	ND	0.05	Carcinogenic; Mutagenic
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 支链和直链1, 2-苯二羧二戊酯	84777-06-0	ND	0.05	Toxic for reproduction
109	Diisopentylphthalate 邻苯二甲酸二异戊酯 (DIPP)	605-50-5	ND	0.05	Toxic for reproduction
110	N-pentyl-isopentylphthalate 邻苯二甲酸正戊基异戊基酯	776297-69-9	ND	0.05	Toxic for reproduction
111	1,2-Diethoxyethane 乙二醇二乙醚	629-14-1	ND	0.05	Toxic for reproduction
112	Acetic acid, lead salt, basic* 碱式乙酸铅*	51404-69-4	ND	0.01	Toxic for reproduction
113	Lead oxide sulfate* 碱式硫酸铅*	12036-76-9	ND	0.01	Toxic for reproduction
114	[Phthalato(2-)]dioxotrilead* 二盐基邻苯二甲酸铅*	69011-06-9	ND	0.01	Toxic for reproduction
115	Dioxobis(stearato)trilead* 双(十八酸基)二氧化三铅*	12578-12-0	ND	0.01	Toxic for reproduction
116	Fatty acids, C16-18, lead salts* C16-18-脂肪酸铅盐*	91031-62-8	ND	0.01	Toxic for reproduction
117	Lead cyanamidate* 氨基氰铅盐*	20837-86-9	ND	0.01	Toxic for reproduction
118	Lead dinitrate* 硝酸铅*	10099-74-8	ND	0.01	Toxic for reproduction
119	Pentalead tetraoxide sulphate* 氧化铅与硫酸铅的复合物*	12065-90-6	ND	0.01	Toxic for reproduction
120	Pyrochlore, antimony lead yellow C.I. 颜料黄41	8012-00-8	ND	0.01	Toxic for reproduction
121	Sulfurous acid, lead salt, dibasic* 氧化铅与硫化铅的复合物*	62229-08-7	ND	0.01	Toxic for reproduction
122	Tetraethyllead* 四乙基铅*	78-00-2	ND	0.01	Toxic for reproduction
123	Tetralead trioxide sulphate* 三碱式硫酸铅*	12202-17-4	ND	0.01	Toxic for reproduction

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
124	Trilead dioxide phosphonate* 磷酸氧化铅*	12141-20-7	ND	0.01	Toxic for reproduction
125	Furan 呋喃	110-00-9	ND	0.05	Carcinogenic
126	Diethyl sulphate 硫酸二乙酯	64-67-5	ND	0.05	Carcinogenic; Mutagenic
127	Dimethyl sulphate 硫酸二甲酯	77-78-1	ND	0.05	Carcinogenic
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	143860-04-2	ND	0.05	Toxic for reproduction
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚 (二硝丁酚)	88-85-7	ND	0.05	Toxic for reproduction
130	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	ND	0.05	Carcinogenic
131	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	101-80-4	ND	0.05	Carcinogenic; Mutagenic
132	4-Aminoazobenzene 4-氨基偶氮苯	60-09-3	ND	0.05	Carcinogenic
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine) 2,4-二氨基甲苯	95-80-7	ND	0.05	Carcinogenic
134	6-methoxy-m-toluidine (p-cresidine) 2-甲氧基-5-甲基苯胺	120-71-8	ND	0.05	Carcinogenic
135	Biphenyl-4-ylamine 4-氨基联苯	92-67-1	ND	0.05	Carcinogenic
136	o-aminoazotoluene 邻氨基偶氮甲苯	97-56-3	ND	0.05	Carcinogenic
137	o-Toluidine 邻甲基苯胺	95-53-4	ND	0.05	Carcinogenic
138	N-methylacetamide N-甲基乙酰胺	79-16-3	ND	0.05	Toxic for reproduction
139	Cadmium 镉	7440-43-9	ND	0.01	Carcinogenic; Equivalent level of concern having probable
140	Ammonium pentadecafluorooctanoate(APFO) 全氟辛酸铵(APFO)	3825-26-1	ND	0.01	Toxic for reproduction; PBT

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
141	Pentadecafluorooctanoic Acid (PFOA) 全氟辛酸(PFOA)	335-67-1	ND	0.01	Toxic for reproduction; PBT
142	Dipentyl phthalate (DPP) 邻苯二甲酸二正戊酯(DPP)	131-18-0	ND	0.01	Toxic for reproduction
143	4-Nonylphenol, branched and linear, ethoxylated 4-壬基酚, 支化或者线性, 乙氧基 (NPEO)	---	ND	0.05	Equivalent level of concern having probable serious effects to the environment (due to the endocrine disrupting properties of the degradation products)
144	Cadmium oxide* 氧化镉*	1306-19-0	ND	0.01	Carcinogenic; Equivalent level of concern having probable serious effects to human health
145	Cadmium sulphide* 硫化镉*	1306-23-6	ND	0.01	Carcinogenic; Equivalent level of concern having probable serious effects to human health
146	Dihexyl phthalate 邻苯二甲酸二己酯	84-75-3	ND	0.01	Toxic for reproduction
147	C.I. Direct Red 28 直接红 28	573-58-0	ND	0.01	Carcinogenic
148	C.I. Direct Black 38 直接黑 38	1937-37-7	ND	0.01	Carcinogenic
149	Imidazolidine-2-thione (2-imidazoline-2-thiol) 亚乙基硫脲	96-45-7	ND	0.01	Toxic for reproduction
150	Lead di(acetate) * 醋酸铅(II) *	301-04-2	ND	0.01	Toxic for reproduction
151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	ND	0.01	Toxic for reproduction

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
152	Cadmium chloride* 氯化镉*	10108-64-2	ND	0.01	Carcinogenic ; Mutagenic ; Toxic for Reproduction ; Equivalent level of concern having probable serious effects to human health
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 邻苯二甲酸二己酯 (支链和直链)	68515-50-4	ND	0.01	Toxic for reproduction
154	Sodium peroxometaborate* 过硼酸钠*	7632-04-4	ND	0.01	Toxic for reproduction
155	Sodium perborate; perboric acid, sodium salt* 过硼酸钠水合物*	-	ND	0.01	Toxic for reproduction
156	Cadmium fluoride* 氟化镉*	7790-79-6	ND	0.01	Carcinogenic ; Mutagenic ; Toxic for Reproduction ; Equivalent level of concern having probable serious effects to human health
157	Cadmium sulphate* 硫酸镉*	10124-36-4; 31119-53-6	ND	0.01	Carcinogenic ; Mutagenic ; Toxic for Reproduction ; Equivalent level of concern having probable serious effects to human health
158	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320) 2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三 唑 (UV-320)	3846-71-7	ND	0.05	PBT; vPvB
159	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328) 2-(2'-羟基-3',5'-二叔戊基苯基)苯并三唑 (UV-328)	25973-55-1	ND	0.05	PBT; vPvB

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE 二正辛基-双(巯乙酸 2-乙基己酯)锡 (DOTE)	15571-58-1	ND	0.01	Toxic for reproduction
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) 二正辛基-双(巯乙酸 2-乙基己酯) (DOTE) 和三 (2-乙基己基巯基乙酸) 辛锡 (MOTE) 反应物料	---	ND	0.05	Toxic for reproduction
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq$ 0.3% of dihexyl phthalate 邻苯二甲酸二 (C6-10) 烷基酯; 邻苯二甲酸(癸基、己基、辛基)二酯与 $\geq$ 0.3%邻苯二甲酸二己酯的混合物	68515-51-5 68648-93-1	ND	0.05	Toxic for reproduction
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof] 5-仲丁基-2-(2,4-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷 [1], 5-仲丁基-2-(4,6-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷[2] (这两种物质的异构体以及它们的混合物)	---	ND	0.05	vPvB
164	Nitrobenzene 硝基苯	98-95-3	ND	0.05	Toxic for reproduction
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(UV-327)	3864-99-1	ND	0.05	vPvB

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No. 序号	Substance Name 物质名称	CAS number CAS 号码	Test result (%) 测试结果	RL 报告限 (%)	Classification
			Ceramic tube fuse 陶瓷管保险丝		
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑(UV-350)	36437-37-3	ND	0.05	vPvB
167	1,3-propanesultone 1,3-丙烷磺内酯	1120-71-4	ND	0.05	Carcinogenic
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptafluorooctanoic acid and its sodium and ammonium salts 全氟壬酸及其钠盐和氨盐	375-95-1 21049-39-8 4149-60-4	ND	0.05	Toxic for reproduction , PBT

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Remark :  
备注 :

1. ND = Not Detected (lower than RL)      RL = Report Limit  
ND = 未检测到 (低于 RL)      RL = 报告限
2. PBT = Persistent, Bio accumulative and Toxic as defined in Regulation (EC) No 1907/2006  
PBT = 持久性, 生物蓄积性和毒性
3. vPvB = Very persistent and very bio accumulative as defined in Regulation (EC) No 1907/2006  
vPvB = 高持久性和高生物积蓄性
4. <sup>(1)</sup> CAS No. 7789-12-0 refers to Sodium dichromate dehydrate  
CAS No. 7789-12-0 指的是二水合重铬酸钠  
<sup>(2)</sup> CAS No. 10588-01-9 refers to anhydrous Sodium dichromate  
CAS No. 10588-01-9 指的是无水重铬酸钠  
<sup>(3)</sup> CAS No. 3194-55-6 refers to 1,2,5,6,9,10- hexabromocyclododecane  
CAS No. 3194-55-6 指的是 1,2,5,6,9,10- 六溴环十二烷  
<sup>(4)</sup> CAS No. 25637-99-4 refers to hexabromocyclododecane (without specifying bromine positions)  
CAS No. 25637-99-4 指的是六溴环十二烷 (未指定溴取代位)
5. If the article contains a material type whose weight is less than 0.1% of the total article weight, this material type is ignored for testing.  
如果物品的一个物质重量小于该物品总重量的 0.1%, 则这个物质可以忽略。
6. \* = Result is based on the representative heavy metal concentration. Due to the limit of the analytical technology available, when the calculated result of target substance by chemometrics is higher than the request limit, the client is strongly advised to review the chemical formulation to ascertain.  
\* = 报告结果是依据所检测选择的代表重金属含量。由于所使用的测试技术的局限, 当根据化学计量学所计算出来的目标物质的结果大于法规限值, 强烈建议客户查验物料中所使用的物质组成以确认。
7. # = The SVHC which is defined as UVCB substance (substances of **U**nknown or **V**ariable composition, **C**omplex reaction products or **B**iological materials) under REACH regulation cannot be sufficiently identified by its chemical composition as the number of constituents is relatively large and/or the composition is, to a significant part, unknown and/or the variability of composition is relatively large or poorly predictable. So the test result is calculated as per the selected identifiers of the SVHC basing on the worst-case scenario.  
# = 基于REACH法规, 此类高度关注物质被定义为UVCB物质 (具有未知的或不定的组成, 复杂反应产物或者与生物相关的材料), 由于其成分范围相对较大和/或有代表性部分的组分是未知的和/或组成差别相对较大或较难判断的, 所以这些物质不能够根据其化学组成被充分地判定。因此对于这类物质的测试结果是依据被选择的特征目标物的检测并依据最坏情形计算出来。
8. According to the REACH regulation (EC) No. 1907/2006, the request limit is 0.1% for SVHC in the article.  
根据 REACH 法规(EC) No. 1907/2006, 任何一种高度关注物质在物品中的含量都不得高于 0.1%。
9. If a SVHC is found over the request limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by further request of quantitative analysis.  
如果任何一种高度关注物质含量大于法规限值, 建议客户查验物料中所使用的物质组成并要求作进一步的定量分析。
10. \*\* Due to the limit of the analytical technology available, we cannot detect the content of SVHC directly, but the sample may contain the SVHC. When the calculated result of target substance by chemometrics is higher than the required limit (0.1%), the client is strongly advised to review the chemical formulation to ascertain its existence. As the client's declaration, the sample did not contain the SVHC.  
\*\* =由于目前分析技术的限制, 无法直接检测出 SVHC 的含量, 但样品本身有可能含有这种 SVHC。当根据化学计量学所计算出来的目标物质的结果大于法规限值(0.1%), 强烈建议客户查验物料中所使用的物质组成以确认。根据客户声明, 所提交样品中未添加此高度关注物质。

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Test Method: By using microwave digestion or solvent extraction methods, and the analysis was performed by ICP-OES, GC-MS, IC, LC-MS, HPLC and UV.

测试方法 : 样品经过微波消解或溶剂萃取前处理方法, 所得溶液经由 ICP-OES, GC-MS, IC, LC-MS, HPLC 和 UV 等仪器检测。

Remark: As specified by the client, No. 1~163 the results were quoted from report EM150616014C002V1.

备注: 根据客户要求, 编号 1~163 项的测试结果都来自于 EM150616014C002V1.

## Sample Photo 样品照片



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Note :  
注释 :

1. The limit of 0.1% (w/w) applies to an article. The results were calculated assuming as the submitted sample was an article. However, the results may not be applicable if the intended use of the sample is a substance or mixture. According to REACH, definition of an article, substance and mixture are:  
限值0.1%是针对整个物品。测试结果是依据将送测样品看作为一单独物品计算的。然而测试结果不适用于那些作为物质或配置品用途的样品。根据REACH法规，物品，物质和配置品的定义如下：
  - i. Article - An object during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition  
物品 - 一个物体在生产过程中被塑造出特殊形状，表面或者设计，这些特征相对于化学组成更决定该物体的功能。
  - ii. Substance - A chemical element and its compound in the natural state or obtained by any manufacturing process.  
物质 - 一种自然状态下的或者经由某种生产过程生产出来的化学元素和它的化合物。
  - iii. Mixture (Previously known as "Preparation") - A mixture or solution composed of two or more substances  
配制品 - 由两种或两种以上的物质组成的混合物或溶液。
2. In accordance of Article 7 of Regulation (EC) No. 1907/2006 (REACH regulation) – Registration and notification of substances in articles, any producer or importer of articles shall notify ECHA, if a substance meets in criteria in Article 57 and is identified in accordance with Article 59(1), if both (1) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year & (2) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w) are met. The information to be notified shall include (a) identity and contact details of the producer or importer, (b) the registration numbers, (c) the identity of the substance and (d) the classification of the substance, (e) a brief description of the use of the substance and (f) the tonnage range of the substance.  
依据REACH法规第7条—物品中物质的注册和通报，如果某种物质符合57条中规定的条件并且依据第59（1）条被确定为高度关注物质，如果同时满足（1）这种物质被包含在这些物品中的总量超过1吨每生产商或每进口商每年和（2）这种物质在这些产品中的浓度大于0.1%，任何物品生产商或进口商都应该向欧洲化学品管理局通报。被通报的信息应该包含（a）生产商或进口商的识别信息和联系方式，（b）注册号码，（c）物质识别信息，（d）物质的类别，（e）关于物质使用的概括描述和（f）物质的吨位范围
3. In accordance of Article 33 of Regulation (EC) No. 1907/2006 (REACH regulation) – Duty to communicate information on substances in articles, any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. On request by a consumer the relevant information shall be provided by any supplier of an article free of charge, within 45 days of receipt of the request.  
依据REACH法规第33条—物品中物质的信息传递义务，任何供应商供应的物品中含有某种物质符合第57条中规定并且依据第59（1）条被确认为高度关注物质，如果其浓度大于0.1%，此供应商应该提供给接受者关于能够安全使用该物品的足够信息，至少包括物质的名称。根据消费者要求，任何供应商应该在要求被提出的45日内免费提供这些信息给消费者。

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# Test Report

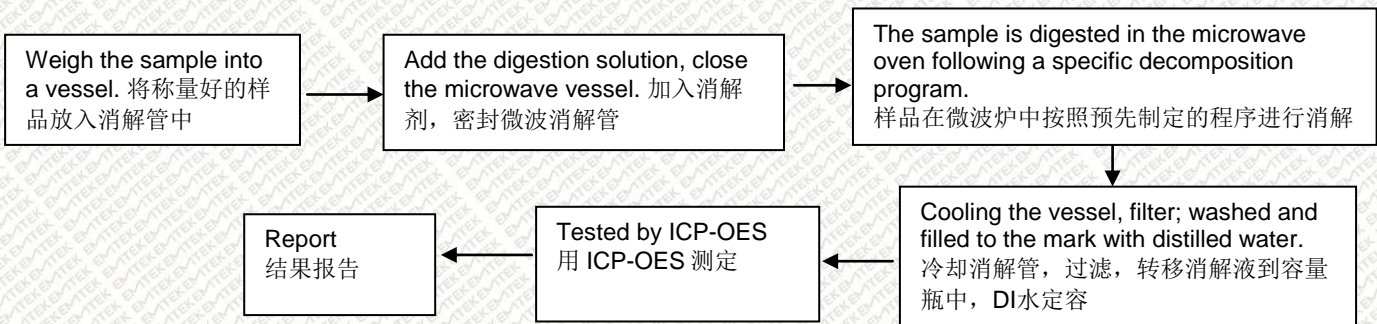
No.: EM160106042C002

Date: Jan. 11, 2016

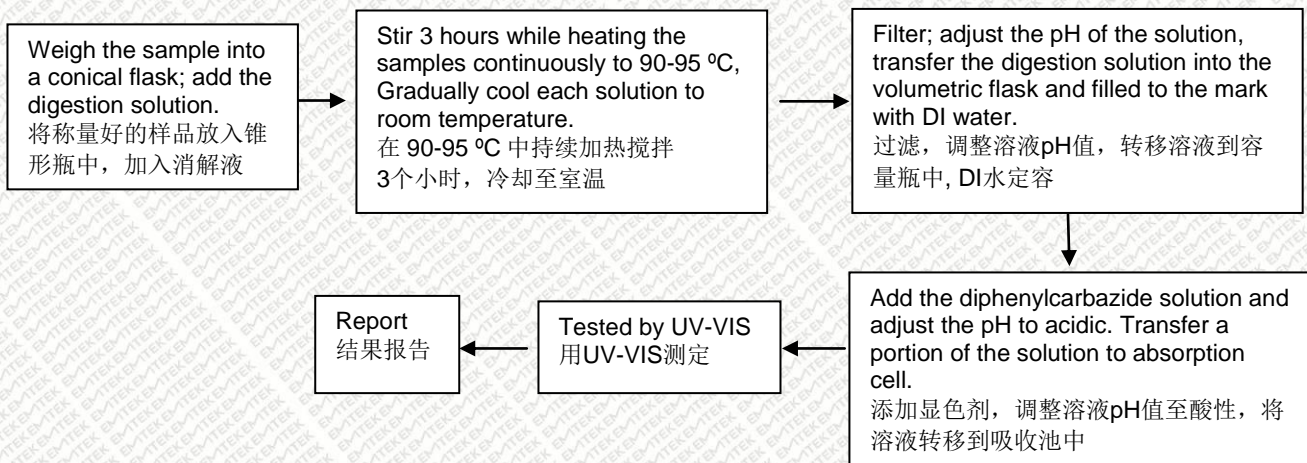
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## TEST FLOWCHART 测试流程图

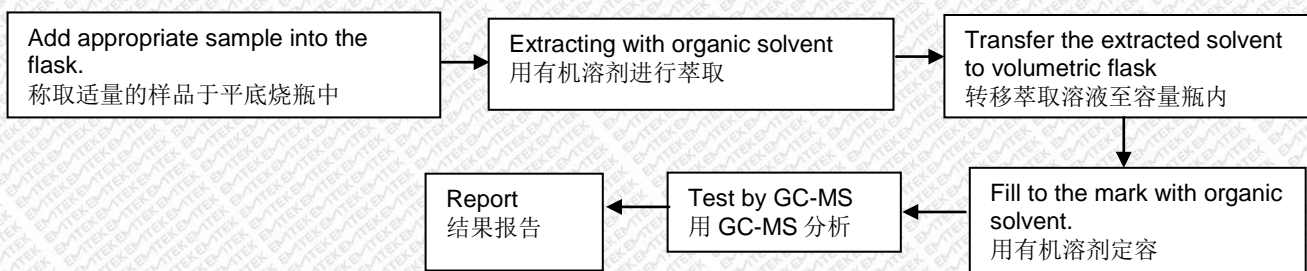
1. To Determine Lead, Arsenic, Cobalt, Silicon, Aluminum, Zirconium, Molybdenum, Boron, Strontium, Cadmium Content:  
测定砷、铅、钴、硅、铝、钨、钼、硼、锶、镉的含量:



2. To Determine Hexavalent Chromium Content (测定六价铬含量):



3. To Determine Anthracene; Anthracene oil; Anthracene oil, anthracene paste, distn. Lights; Anthracene oil, anthracene paste, anthracene fraction; Anthracene oil, anthracene-low; Anthracene oil, anthracene paste Content:  
测定蒽、蒽油、蒽油、蒽糊、轻油、蒽油、蒽糊、蒽馏分、蒽油、少蒽、蒽油、蒽糊的含量



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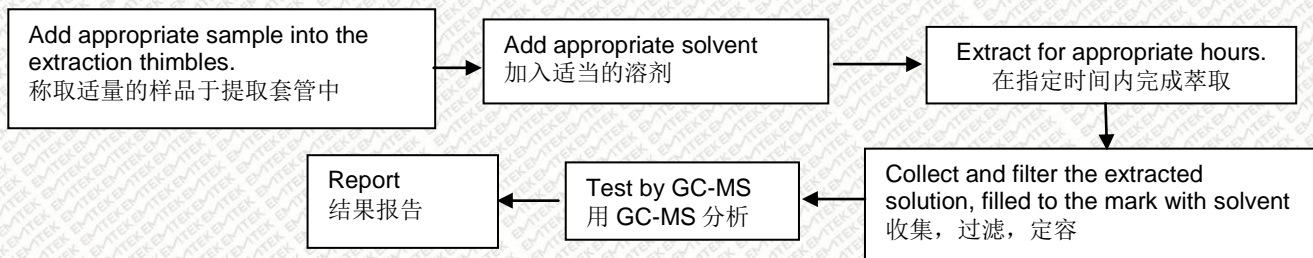
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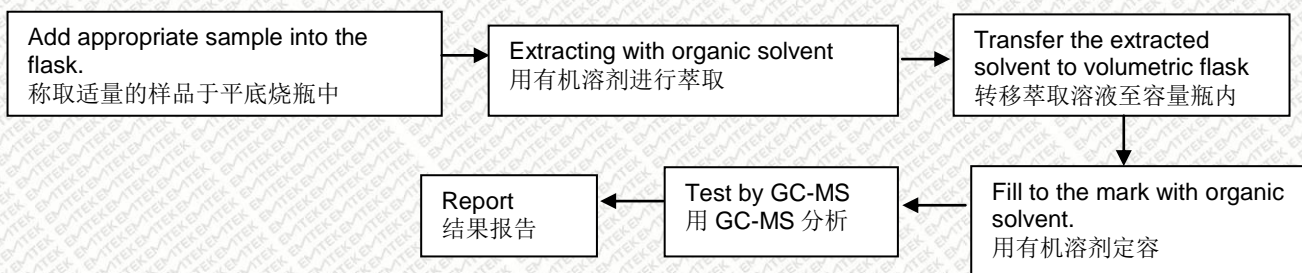
4. To Determine DEHP, DBP, BBP, DIBP, DHNUP, DIHP, DMEP, DIPP, DNHP, N-pentyl-isopentylphthalate, 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear, Dipentyl phthalate (DPP), 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear, 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with  $\geq 0.3\%$  of dihexyl phthalate Content:

测定 DEHP, DBP, BBP, DIBP, DHNUP, DIHP, DMEP, 支链和直链 1,2-苯二羧二戊酯, DIPP, 邻苯二甲酸正戊基异戊基酯, 邻苯二甲酸二正戊酯(DPP), 邻苯二甲酸二己酯(DNHP), 邻苯二甲酸二己酯, 支链和直链, 邻苯二甲酸二(C6-10)烷基酯; 邻苯二甲酸(癸基、己基、辛基)二酯与 $\geq 0.3\%$ 邻苯二甲酸二己酯的混合物含量



5. To Determine 4,4'-Diaminodiphenylmethane (MDA); 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene); Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified; Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins); 2,4-Dinitrotoluene; Tris(2-chloroethyl)phosphate; 2-Methoxyaniline;o-Anisidine; 2,2'-dichloro-4,4'-methylenedianiline (MOCA); Bis(pentabromophenyl) ether (DecaBDE); Cyclohexane-1,2-dicarboxylic anhydride(Hexahydrophthalic anhydride - HHPA); Hexahydromethylphthalic anhy, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride; 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine; 4,4'-methylenedi-o-toluidine; 4,4'-oxydianiline and its salts; 4-Aminoazobenzene;4-Phenylazoaniline; 4-methyl-m-phenylenediamine (2,4-toluene-diamine); 6-methoxy-m-toluidine (p-cresidine); Biphenyl-4-ylamine; o-aminoazotoluene; o-Toluidine;2-Aminotoluene; Trixylyl phosphate, DOTE, reaction mass of DOTE and MOTE, Nitrobenzene, 1,3-propanesultone Content:

测定4,4'-二氨基二苯基甲烷(MDA), 二甲苯麝香, HBCDD, 短链氯化石蜡 (SCCP), 2,4-二硝基甲苯, 三(2-氯乙基)磷酸盐, 邻甲氧基苯胺, 2,2'-二氯-4,4'-二氨基二苯基甲烷(MOCA), 十溴联苯醚, 六氢邻苯二甲酸酐, 甲基六氢苯酐、4-甲基六氢苯酐、甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐, 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷, 4,4'-二氨基-3,3'-二甲基二苯甲烷, 4,4'-二氨基二苯醚, 4-氨基偶氮苯, 2,4-二氨基甲苯, 2-甲氧基-5-甲基苯胺, 4-氨基联苯, 邻氨基偶氮甲苯, 邻甲基苯胺, 磷酸三(二甲苯)酯, DOTE, DOTE 与 MOTE 反应物, 硝基苯, 1,3-丙烷磺内酯的含量



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# Test Report

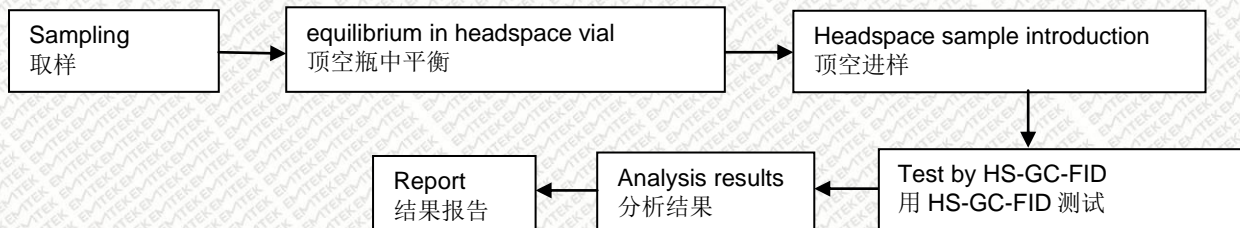
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6. To Determine 2-Methoxyethanol, 2-Ethoxyethanol, 2-Ethoxyethyl acetate, Hydrazine, Bis(2-methoxyethyl) ether, 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme), 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME), 1,2-Diethoxyethane, 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane[1],5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof] Content:

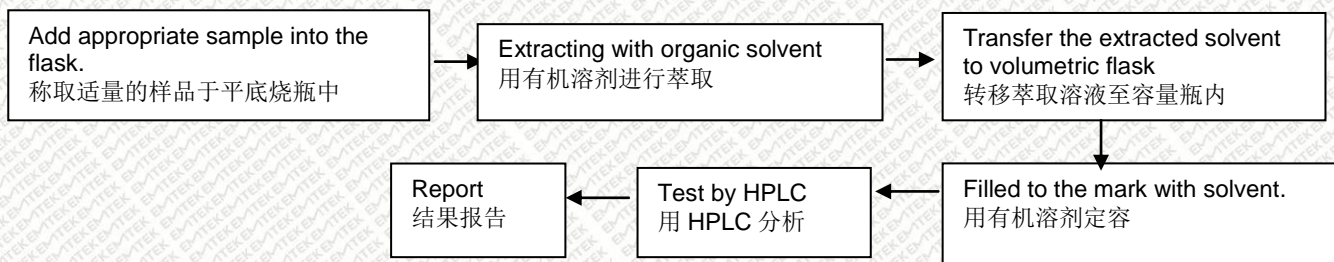
测定乙二醇单甲醚, 乙二醇单乙醚, 乙二醇乙醚乙酸酯, 肼, 双(2-甲氧基乙基)醚, 三甘醇二甲醚, 1,2-二甲氧基乙烷, 乙二醇二乙醚, 1,2-二乙氧基乙烷, 5-仲丁基-2-(2,4-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷 [1], 5-仲丁基-2-(4,6-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷[2] (这两种物质的异构体以及它们的混合物) 的含量



7. To Determine Acrylamide; Formaldehyde, oligomeric reaction products with aniline (technical MDA); 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol); N,N-dimethylacetamide (DMAC); Phenolphthalein; Formamide; TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione); β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione); 4,4'-bis(dimethylamino) benzophenone (Michler's ketone); N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base); C.I. Basic Violet 3; C.I. Basic Blue 26; C.I. Solvent Blue 4; 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol; 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues; 4-Nonylphenol, branched and linear -substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof; Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)); N,N-dimethylformamide;dimethyl formamide; Dinoseb; N-methylacetamide; 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol , ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol , ethoxylated coveringUVCB- and well-defined substances, polymers and homologues], UV-320, UV-328 , UV-327, UV-350, 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate

Content:

测定丙烯酰胺, 甲醛苯胺共聚物, 对特辛基苯酚, N,N-二甲基乙酰胺, 酚酞, 甲酰胺, 1,3,5-三缩水甘油-S-三嗪三酮, 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体, 4,4'-二(N,N-二甲氨基)二苯甲酮, N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷, 碱性紫3, 碱性蓝26, 溶剂蓝4, α,α'-二[(二甲氨基)苯基]-4-甲氨基苯甲醇, 对特辛基苯酚乙氧基醚 (包括界定明确的物质以及UVCB物质、聚合物和同系物), 4-壬基苯酚,支链和直链, 偶氮二甲酰胺, N,N-二甲基甲酰胺, 地乐酚 (二硝丁酚), N-甲基乙酰胺, 4-壬基酚乙氧基醚, 直链或支链, UV-320, UV-328, UV-327, UV-350的含量



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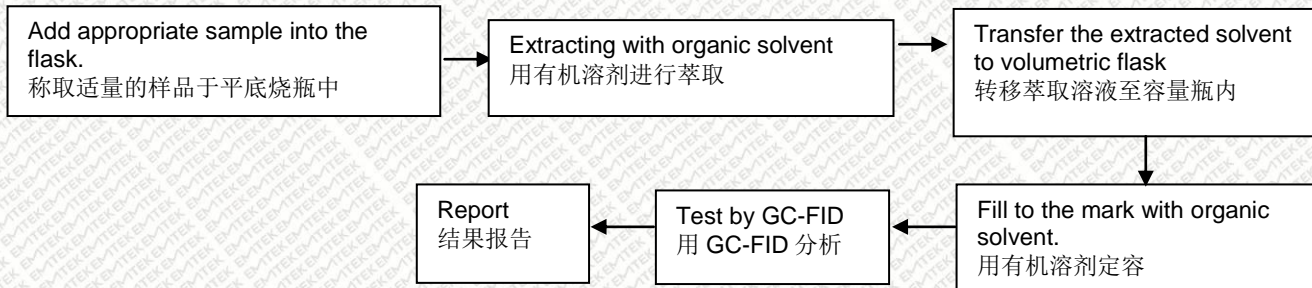
# Test Report

No.: EM160106042C002

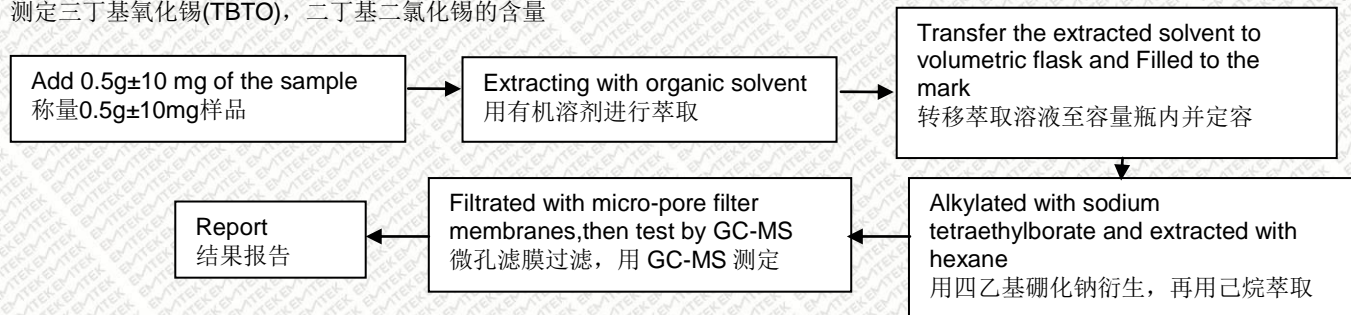
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8. To Determine Trichloroethylene, 1-Methyl-2-pyrrolidone, 1,2,3-Trichloropropane, 1,2-Dichloroethane, Furan, Propylene oxide, 1,2-epoxypropane, methyloxirane, Diethyl sulphate, Dimethyl sulphate, 1-bromopropane, n-propyl bromide Content:  
测定三氯乙烯, N-甲基吡咯烷酮, 1,2,3-三氯丙烷, 1,2-二氯乙烷, 呋喃, 环氧丙烷, 硫酸二乙酯, 硫酸二甲酯, 溴代正丙烷的含量

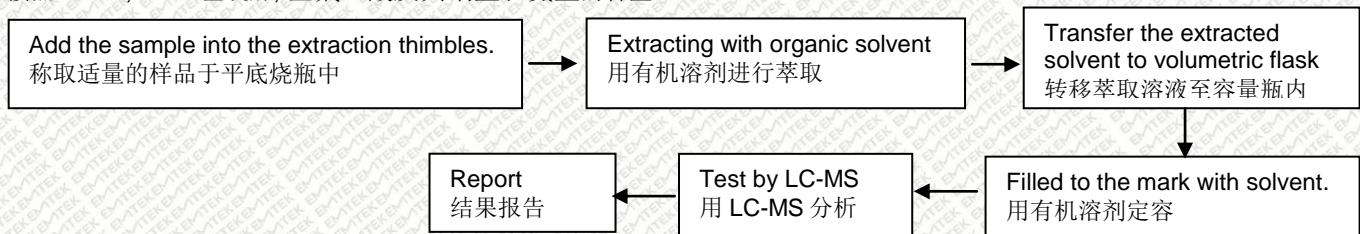


9. To Determine Bis(tributyltin)oxide (TBTO), Dibutyltin dichloride (DBTC) Content:  
测定三丁基氧化锡(TBTO), 二丁基二氯化锡的含量



10. To Determine Pentacosfluorotridecanoic acid, Tricosfluorododecanoic acid, Henicosfluoroundecanoic acid, Heptacosfluorotetradecanoic acid, Methoxy acetic acid, Ammonium pentadecafluorooctanoate (APFO), Pentadecafluorooctanoic acid (PFOA), C.I. Direct Red 28, C.I. Direct Black 38, 2-imidazoline-2-thiol, Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts Content:

测定全氟十三酸, 全氟十二酸, 全氟十一烷酸, 全氟十四酸, 甲氧基乙酸, 全氟辛酸铵(APFO), 全氟辛酸(PFOA), 直接红 28, 直接黑 38, 1,2-亚乙基硫脲, 全氟壬酸及其钠盐和氨盐的含量



\*\*\* End of Report \*\*\*  
\*\*\* 报告结束 \*\*\*

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