



# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

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申请方 : 上海品致测控技术有限公司  
地址 : 上海市宝山区呼兰西路 100 号 1 幢 3 层 C、D 座  
样品描述 : 温湿度传感器  
型号 : HV1036  
样品接收时间 : 2021 年 4 月 19 日  
测试周期 : 2021 年 4 月 19 日-2021 年 4 月 26 日

申请测试项目	测试结果
- 欧盟 RoHS 指令 2011/65/EU,2015/863/EU 及后续修正指令	通过

\*\*\* 具体测试结果, 请参见后续页面 \*\*\*

全立宇

全立宇  
技术主管  
上海量远检测技术有限公司



Greatesting Service Shanghai Co., Ltd.  
上海量远检测技术有限公司

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## 样品照片



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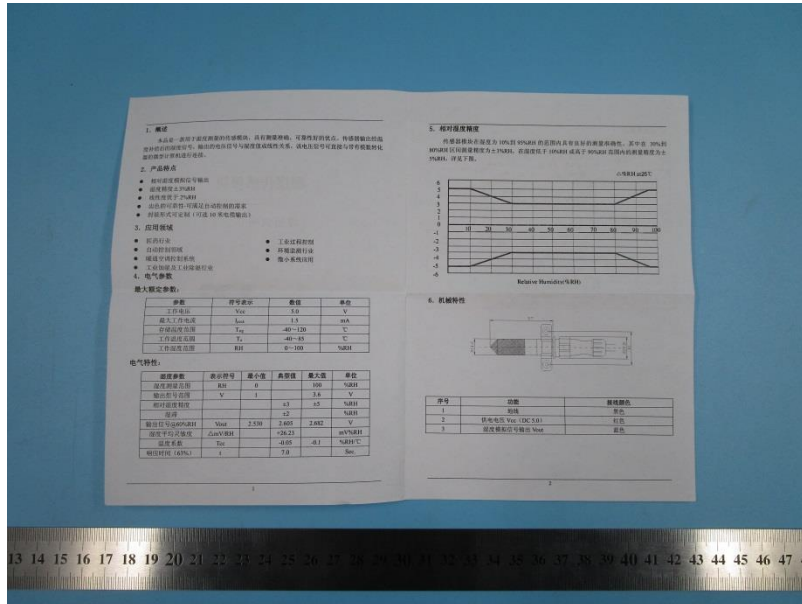
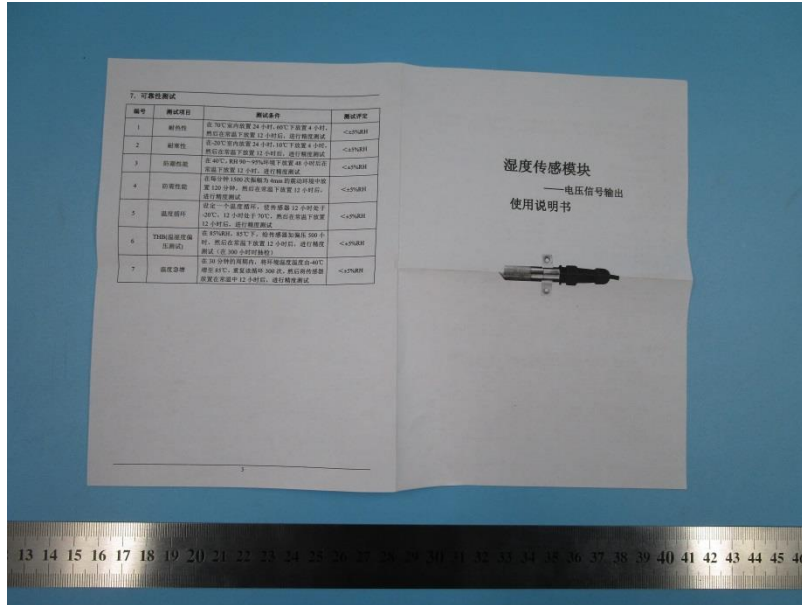


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\*\*\* 待续 \*\*\*



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## 测试结果:

### 电子电器禁用某些有害物质指令

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-1:2015, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		1		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	NE	NE	-
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苯酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30

备注: ND = 未检出, 小于方法检出限

NE = 阴性, 表示结果阴性, 不含有六价铬

mg/kg = ppm, 毫克每千克

最大允许极限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令.

该样品测试方法和判定标准由客户指定。

如相关项目未取得资质认定, 仅作为科研、教学或内部质量控制之用。

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测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-1:2015, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		2		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	NE	NE	-
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
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Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 NE = 阴性, 表示结果阴性, 不含有六价铬 mg/kg = ppm, 毫克每千克 最大允许极限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		3		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	NE	NE	-
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
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Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
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Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
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Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
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Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
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Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
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测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-1:2015, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
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化合物	单位	测试结果	限值	方法 检出限
		4		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	NE	NE	-
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 NE = 阴性, 表示结果阴性, 不含有六价铬 mg/kg = ppm, 毫克每千克 最大允许极限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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上海量测检测技术有限公司



# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 8 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-1:2015, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		5		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	NE	NE	-
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 NE = 阴性, 表示结果阴性, 不含有六价铬 mg/kg = ppm, 毫克每千克 最大允许极限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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上海量测检测技术有限公司





# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 9 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-1:2015, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		6		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	NE	NE	-
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 NE = 阴性, 表示结果阴性, 不含有六价铬 mg/kg = ppm, 毫克每千克 最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 10 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		7		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 11 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		8		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
该样品测试方法和判定标准由客户指定。				

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Greatesting Service Shanghai Co., Ltd.

上海量测检测技术有限公司



# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 12 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		9		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 13 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		10		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 mg/kg = ppm, 毫克每千克 最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 14 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		11		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30

### 备注:

ND = 未检出, 小于方法检出限

mg/kg = ppm, 毫克每千克

最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 15 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		12		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
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# 测试报告

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第 16 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		13		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 mg/kg = ppm, 毫克每千克 最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

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测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		14		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

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测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		15		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 mg/kg = ppm, 毫克每千克 最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

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参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		16		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
该样品测试方法和判定标准由客户指定。				

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# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

第 20 页 共 23 页

测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		17		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
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Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b> ND = 未检出, 小于方法检出限 mg/kg = ppm, 毫克每千克 最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。 该样品测试方法和判定标准由客户指定。				

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上海量测检测技术有限公司



# 测试报告

报告编号: GSL20210419010 日期: 2021年4月26日

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测试方法: 参照 IEC 62321-4:2013 Ed.1, IEC 62321-5:2013 Ed.1, IEC 62321-7-2:2017, 电子电器产品中四种限用物质浓度测定。参照 IEC 62321-6:2015, 聚合物和电子材料中的多溴联苯和多溴二苯醚测定  
参照 IEC 62321-8:2017, 聚合物中邻苯二甲酸酯的测定

化合物	单位	测试结果	限值	方法 检出限
		18		
铅 (Pb)	mg/kg	ND	1000	10
汞 (Hg)	mg/kg	ND	1000	10
镉 (Cd)	mg/kg	ND	100	10
六价铬 (Cr VI)	mg/kg	ND	1000	10
<b>Polybrominated Biphenyls 多溴联苯 (PBBs):</b>				
Bromobiphenyls 一溴联苯	mg/kg	ND	--	5
Dibromobiphenyls 二溴联苯	mg/kg	ND	--	5
Tribromobiphenyls 三溴联苯	mg/kg	ND	--	5
Tetrabromobiphenyls 四溴联苯	mg/kg	ND	--	5
Pentabromobiphenyls 五溴联苯	mg/kg	ND	--	5
Hexabromobiphenyls 六溴联苯	mg/kg	ND	--	5
Heptabromobiphenyls 七溴联苯	mg/kg	ND	--	5
Octabromobiphenyls 八溴联苯	mg/kg	ND	--	5
Nonabromobiphenyls 九溴联苯	mg/kg	ND	--	5
Decabromobiphenyl 十溴联苯	mg/kg	ND	--	5
Sum of PBBs 多溴联苯总和	mg/kg	ND	1000	--
<b>Polybrominated Diphenyl Ethers 多溴联苯醚 (PBDEs):</b>				
Bromodiphenyl ethers 一溴联苯醚	mg/kg	ND	--	5
Dibromodiphenyl ethers 二溴联苯醚	mg/kg	ND	--	5
Tribromodiphenyl ethers 三溴联苯醚	mg/kg	ND	--	5
Tetrabromodiphenyl ethers 四溴联苯醚	mg/kg	ND	--	5
Pentabromodiphenyl ethers 五溴联苯醚	mg/kg	ND	--	5
Hexabromodiphenyl ethers 六溴联苯醚	mg/kg	ND	--	5
Heptabromodiphenyl ethers 七溴联苯醚	mg/kg	ND	--	5
Octabromodiphenyl ethers 八溴联苯醚	mg/kg	ND	--	5
Nonabromodiphenyl ethers 九溴联苯醚	mg/kg	ND	--	5
Decabromodiphenyl ether 十溴联苯醚	mg/kg	ND	--	5
Sum of PBDEs 多溴联苯醚总和	mg/kg	ND	1000	--
<b>Phthalates 邻苯二甲酸酯:</b>				
邻苯二甲酸二丁酯(DBP)	mg/kg	ND	1000	30
邻苯二甲酸丁酯苄酯(BBP)	mg/kg	ND	1000	30
邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	ND	1000	30
邻苯二甲酸二异丁酯 DIBP	mg/kg	ND	1000	30
<b>备注:</b>				
ND = 未检出, 小于方法检出限				
mg/kg = ppm, 毫克每千克				
最大允许限值引用自 2011/65/EU, 2015/863/EU 及后续修正指令。				
该样品测试方法和判定标准由客户指定。				

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样品	样品描述
1	银色金属线
2	金色金属触脚
3	银色金属壳
4	金色金属插座
5	金属探针上的银色金属环
6	银色磨砂金属探针
7	黑色塑料电缆 (外部)
8	红色塑料电缆 (内部)
9	黑色塑料电缆 (内部)
10	蓝色塑料电缆 (内部)
11	带黑色印刷的白色塑料标签
12	蓝色塑料盖
13	黑色塑料壳体
14	PCB 板
15	PCB 板上白色涂层
16	黑色橡胶圈
17	红色橡胶圈
18	灰色塑料支架

## 测试仪器

测试仪器名称	型号/设备编号	校准状态
等离子体发射光谱	5100VDV/GS-002A	2019年7月1日至2021年6月30日
气相色谱-质谱联用仪器	7890B/5977A/GS-001A	2019年7月1日至2021年6月30日
可见分光光度计	V1600PC/GS-003A	2019年7月1日至2021年6月30日



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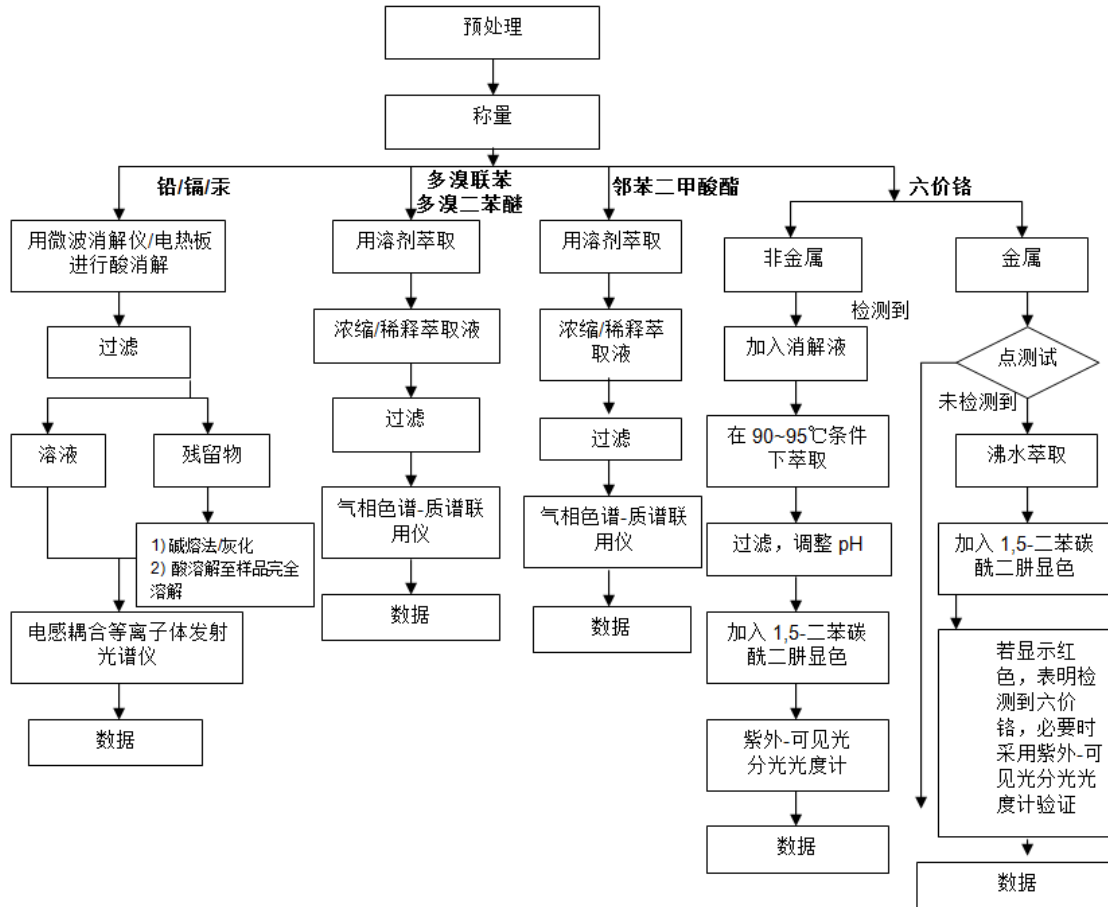


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测试流程图



\*\*\* 报告结束 \*\*\*



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