



检测报告

报告编号：RC1804139-3

日期：2018-04-20

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送样单位：东莞市瓷谷电子科技有限公司
地 址：中国广东省东莞市厚街镇宝屯社区宝塘厦宝宏路29号D栋3A

以下检测样品信息是由申请者所提供及确认：

样品名称：1. 陶瓷电容器 CD/CE系列 10pF~10000pF, CC81/CT81系列 1/6KVdc
2. 金属丝

收样日期：2018-04-11

检测周期：2018-04-11 至 2018-04-19

检测结果：具体结果请查看下页。

测试要求：结论

1. 根据客户要求，对送测样品进行欧洲议会及理事会于2011年6月8日决定的关于在电子电器产品中限值使用某些有害物质的指令2011/65/EU要求的符合性评估。通过
2. 根据客户要求，对送测样品中卤素的含量进行测定。见结果

授权签字人：

熊鹏

技术负责人



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检测结果：

(1) 电子电器产品中限值使用某些有害物质的指令2011/65/EU的要求

- 测试方法：
- (a) 参照 IEC 62321-4:2013, 用 ICP-OES 测定汞(Hg)的含量；
 - (b) 参照 IEC 62321-5:2013, 用 ICP-OES 测定铅(Pb)和镉(Cd)的含量；
 - (c) 参照 IEC 62321-7-2:2017, 用 UV-Vis 测定六价铬(Cr⁶⁺)的含量；
 - (d) 参照 IEC 62321-6:2015, 用 GC/MS 测定多溴联苯(PBBs)和多溴联苯醚(PBDEs)的含量；

报告限和限值要求：

测试项目	Pb	Hg	Cd	Cr ⁶⁺ (金属)	Cr ⁶⁺ (非金属)	PBBs	PBDEs
单位	mg/kg	mg/kg	mg/kg	N/A	mg/kg	mg/kg	mg/kg
报告限	5	5	5	N/A	5	10	10
限值要求	1000	1000	100	阴性	1000	1000	1000

备注：

- (1) mg/kg= ppm =百万分之一， N/A=不适用。
- (2) 依据 IEC 62321-7-1:2015, 金属样品中 Cr⁶⁺的结果用阳性/阴性来表示。
阴性=不存在 Cr⁶⁺涂层， 阳性=存在 Cr⁶⁺涂层。
由于未知测试样品的存储条件及生产日期， 测试结果仅代表样品在测试期间的状态。

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测试结果：

检测项目	检测结果(mg/kg)	
	1	2
镉 (Cadmium)	N.D.	N.D.
铅 (Lead)	N.D.	N.D.
汞 (Mercury)	N.D.	N.D.
六价铬 (Chromium VI)	N.D.	阴性
多溴联苯 (PBBs)		
一溴联苯 (MonoBB)	N.D.	N.D.
二溴联苯 (DiBB)	N.D.	N.D.
三溴联苯 (TriBB)	N.D.	N.D.
四溴联苯 (TetraBB)	N.D.	N.D.
五溴联苯 (PentaBB)	N.D.	N.D.
六溴联苯 (HexaBB)	N.D.	N.D.
七溴联苯 (HeptaBB)	N.D.	N.D.
八溴联苯 (OctaBB)	N.D.	N.D.
九溴联苯 (NonaBB)	N.D.	N.D.
十溴联苯 (DecaBB)	N.D.	N.D.
多溴联苯醚 (PBDEs)		
一溴联苯醚 (MonoBDE)	N.D.	N.D.
二溴联苯醚 (DiBDE)	N.D.	N.D.
三溴联苯醚 (TriBDE)	N.D.	N.D.
四溴联苯醚 (TetraBDE)	N.D.	N.D.
五溴联苯醚 (PentaBDE)	N.D.	N.D.
六溴联苯醚 (HexaBDE)	N.D.	N.D.
七溴联苯醚 (HeptaBDE)	N.D.	N.D.
八溴联苯醚 (OctaBDE)	N.D.	N.D.
九溴联苯醚 (NonaBDE)	N.D.	N.D.
十溴联苯醚 (DecaBDE)	N.D.	N.D.

备注：

(1) mg/kg= ppm =0.0001%=百万分之一

(2) N.D. =未检出（小于报告限值）

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(2) 卤素测试

按照 BS EN 14582: 2016 检测方法，样品经氧弹燃烧后，采用离子色谱进行检测。

测试项目	MDL (mg/kg)	测试结果 (mg/kg)
		1
氟	50	N.D.
氯	50	N.D.
溴	50	N.D.
碘	50	N.D.

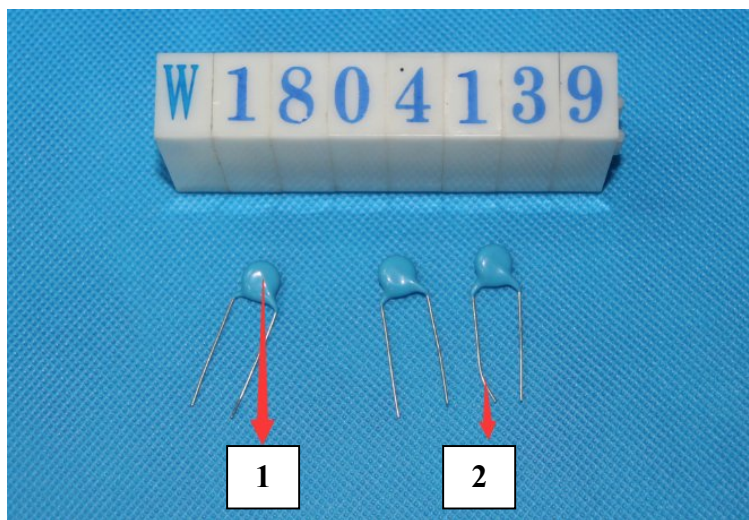
备注：

(1)ND=未检出，检出限= MDL

(2)MDL =方法检出限

(3)mg/kg = ppm = 百万分之一

样品照片：



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