

检测报告 Test Report



报告编号 A2230039647101003E
Report No. A2230039647101003E

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报告抬头公司名称 麗智電子（南通）有限公司 /麗智電子（昆山）有限公司/冠寶科技股份有限公司
Company Name LIZ ELECTRONICS(NANTONG) CO.LTD /LIZ ELECTRONICS(KUNSHAN)
shown on Report CO.LTD /CROWNPO TECHNOLOGY INC
地址 江蘇省南通市通州区康富路 789 號 /江蘇省昆山市漢浦路 989 號/臺北市松山區南京東路四段 126 號 8 樓
Address NO.789 KANGFU ROAD TONGZHOU DISTRICT NANTONG CITY JIANGSU PROVINCE /NO.989 HANPU ROAD KUNSHAN CITY JIANGSU PROVINCE / 8F, NO.126, SEC.4,NANJING E.RD.,TAIPEI,TAIWAN,CHINA

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称 合金贴片电阻
Sample Name Metal Current Sensing Chip Resistors
样品型号 RZ
Part No. RZ
样品接收日期 2023.02.08
Sample Received Date Feb. 8, 2023
样品检测日期 2023.02.08-2023.02.14
Testing Period Feb. 8, 2023 to Feb. 14, 2023

检测要求/检测依据/检测结果 请参见下页。

Test Requested/Test Method/Test Result(s) Please refer to the following page(s).

摘要

- 1.根据分析结果, 所提交样品中 9 种 SVHC 物质的浓度均小于 0.1% (w/w)。
- 2.根据分析结果,所提交样品中 1 种意向 SVHC 物质的浓度小于 0.1% (w/w)。

Summary

- 1.According to the analytical results, concentrations of 9 SVHC substances are all less than 0.1%(w/w) in the submitted sample(s).
- 2.According to the analytical results, concentration of 1 substance for intention for identification of SVHC is less than 0.1%(w/w) in the submitted sample(s).

批准

Approved by

陈凯敏

陈凯敏

实验室经理 Lab Manager

日期

Date

2023.02.14

No. R268856451

上海市闵行区万芳路 1351 号

No.1351, Wanfang Road, Minhang District, Shanghai, China



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检测要求

- 1.根据客户要求, 参照法规(EC) No 1907/2006(REACH), 对所提交样品中 9 种高关注物质(SVHC)进行筛选测试。
- 2.根据客户要求, 对由欧盟成员国向欧盟化学管理局(ECHA)所提交的 1 种于 2021 年 6 月 1 日公布意向成为法规(EC) No 1907/2006(REACH)中高关注度物质(SVHC)的候选物质进行筛选测试。

Test Requested

- 1.As specified by client, to screen the 9 substances of very high concern (SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s).
- 2.As specified by client, to screen the 1 substance published on June 1st 2021 submitted by EU Member States to ECHA for intention for identification of substance of very high concern (SVHC) under Regulation(EC) No1907/2006 of REACH in the submitted sample(s).

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检测结果1 Test Result(s) 1

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	浓度 Concentration (%)	报告 检出限 Report Limit (%)
					003	
-	-	所有 SVHC 物质 (见候选清单) All tested SVHC (See the candidate list)	-	-	N.D.	-

检测结果 2 Test Result(s) 2

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	浓度 Concentration (%)	报告 检出限 Report Limit (%)
					003	
-	-	所有意向 SVHC 物质 (见意向 SVHC 物质清单 (2021 年 6 月 1 日公布)) All tested intention for identification of SVHC (See the list of intention for identification of SVHC (Published on June 1 st 2021))	-	-	N.D.	-

检测依据 Test Method:

参考 US EPA3052:1996, US EPA 3050B:1996, US EPA 3550C:2007 进行样品预处理。

Refer to US EPA3052:1996, US EPA 3050B:1996, US EPA 3550C:2007 for sample pretreatment.

采用 ICP-OES, HPLC, GC-MS, LC-MS-MS 分析。

Analyzed by ICP-OES, HPLC, GC-MS, LC-MS-MS.

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	003	电子元器件(整体测试) Electronic components (Tested as a whole)

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备注 Remark:

1. 结果仅显示检出的 SVHC 物质/意向 SVHC 物质, 低于报告检出限的 SVHC 物质/意向 SVHC 物质没有列出。所有测试的 SVHC 物质/意向 SVHC 物质见下页的 SVHC/意向 SVHC 候选清单。
The table of tested result(s) only shows detected SVHC/intention for identification of SVHC, and SVHC/intention for identification of SVHC that below Report Limit are not reported. Please refer to the Candidate List of SVHC/ intention for identification of SVHC on next pages.
2. w/w % = 重量百分比 weight by weight; 0.1%=1000mg/kg =1000ppm
3. N.D. = 未检出 Not Detected (小于报告检出限<report limit)
4. *:该物质的浓度值是由物质中的特征元素测试结果换算而来。Concentration value of the substance by the conversion from the test results of certain elements.
5. 按照目前手段, 样品无法进一步拆分, 样品整体测试, 测试结果不代表整体测试样品中任何一种单一材质的含量。The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

注释 Note:

本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。

The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

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SVHC 候选清单 Candidate List of SVHC

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告检出限 Report Limit (%)
XXVIII	1	1,2-二(2,4,6-三溴苯氧基)乙烷 1,1'-[ethane-1,2-diylbis(oxy)]bis [2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.01
XXVIII	2	四溴双酚 A 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA)	79-94-7	201-236-9	0.01
XXVIII	3	双酚 S 4,4'-sulphonyldiphenol (BPS)	80-09-1	201-250-5	0.01
XXVIII	4	偏硼酸钡 Barium diborontetraoxide*	13701-59-2	237-222-4	0.01
XXVIII	5	3,4,5,6-四溴-1,2-苯二羧酸双(2-乙基己基)酯, 包括任何单独的异构体和/或其组合 Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	0.01
XXVIII	6	4-羟基苯甲酸 2-甲基丙酯 Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.01
XXVIII	7	三聚氰胺 Melamine	108-78-1	203-615-4	0.01
XXVIII	8	全氟庚酸及其盐 Perfluoroheptanoic acid and its salts	-	-	0.01
XXVIII	9	2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷 -2-基)吗啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙 基)吗啉的反应物料 Reaction mass of 2,2,3,3,5,5,6,6-octafluoro- 4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl) morpholine and 2,2,3,3,5,5,6,6-octafluoro-4- (heptafluoropropyl)morpholine	-	473-390-7	0.05

意向 SVHC 物质清单 (2021 年 6 月 1 日公布)

List of intention for identification of SVHC (Published on June 1st 2021)

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告检出限 Report Limit (%)
-	1	间苯二酚 Resorcinol	108-46-3	203-585-2	0.01

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附加信息 Appendix:

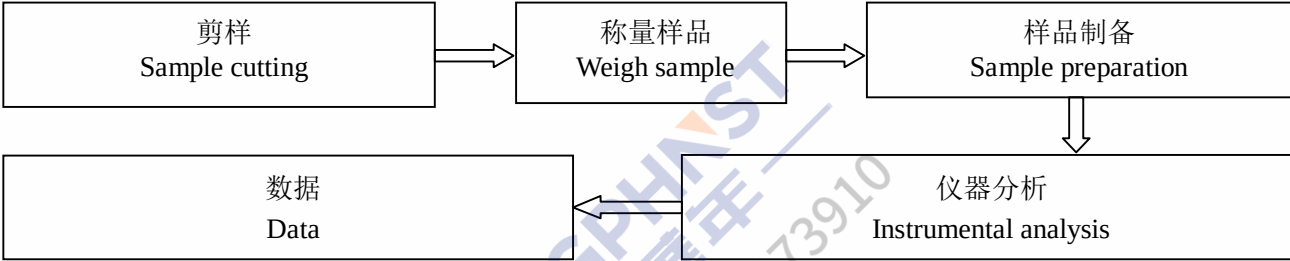
1. 根据欧盟 REACH 法规（编号 1907/2006）第 33 条款之规定，物品类产品如果含有候选列表上的高度关注物质且在物品中的质量百分比超过 0.1% 时，物品供应方需履行相关信息传递义务：
Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
 - 1) 物品供应方应提供给接收方关于产品的足够信息以确保物品的安全使用，至少需提供所含高度关注物质的名称。Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
 - 2) 应消费者请求，物品供应方应在 45 天内免费提供关于产品的足够信息以确保物品的安全使用，至少需提供所含高度关注物质的名称。On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
2. 根据欧盟 REACH 法规（编号 1907/2006）第 31 条款及附件 2 之规定，提供高度关注物质的物质类产品供应方，应免费提供接收方该物质的安全数据表。The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.
3. 根据欧盟 REACH 法规（编号 1907/2006）第 31、32 条款及附件 2 之规定，提供含有高度关注物质的混合物产品供应方需传递相关信息：
The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
 - 1) 如果混合物产品按照 1999/45/EC 被判定为危险品时，供应方应免费提供产品的安全数据表。Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
 - 2) 如果混合物产品按照 1999/45/EC 判定并非危险品，但是任一高度关注物质在非气体混合物中质量分数超过 0.1% 或在气体混合物中体积分数超过 0.2%，供应方也应免费提供产品的安全数据表。
Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

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检测流程 Test Process



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样品图片

Photo(s) of the sample(s)



声明 Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;

This report is considered invalid without approved signature, special seal and the seal on the perforation;

2. 报告抬头公司名称及地址、样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI 未核实其真实性;

The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;

3. 本报告检测结果仅对受测样品负责;

The result(s) shown in this report refer(s) only to the sample(s) tested;

4. 未经 CTI 书面同意, 不得部分复制本报告;

Without written approval of CTI, this report can't be reproduced except in full;

5. 如检测报告中的英文内容与中文内容有差异, 以中文为准。

In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** 报告结束 ***

*** End of Report ***

附录 Appendix

客户参考信息 Client Reference Information

RZ 系列

RZ series

声明 Statement:

1. 附录内容由申请者提供，申请者应对其真实性负责，CTI 未核实其真实性。
The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. 附录内容为 A2230039647101003E 报告的补充。
The Appendix Information is/are the supplement(s) for the Report A2230039647101003E.