



Test Report
检测报告



中国认可
国际互认
检测
TESTING
CNAS L19581

No.: S241224070008-1
编号: S241224070008-1

Date: Dec 30, 2024
日期: 2024年12月30日

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第1页,共11页

Customer: Guangzhou Sunshine Electronics Technology Co.,Ltd
客户名称: 广州歆讯电子科技有限公司

Customer Address: 16th Floor, No. 9 Baihesha Road, Liwan District, Guangzhou
客户地址: 广州市荔湾区白鹤沙路9号16层

Sample Name: Tin Paste(Solder Paste)
样品名称: 有铅锡浆

Tested Model: RL-400
主测型号: RL-400

Additional Mode/附加型号: RL-403、RL-400、RL-401、RL-402、RL-405、RL-403S、RL-405S、RL-407、RL-407S、RL-408、RL-408S、RL-409、RL-409S、HW21、HW22、HW23、HW24、HW25、HW26、HW27、HW28、HW29、HW30

Trademark: Quick, Sunshine, RELIFE
商标品牌: Quick, Sunshine, RELIFE

Manufacturer: Foshan Xinheng Technology Co., Ltd.
制造商: 佛山新恒科技有限公司

Manufacturer Address: 5th Floor, Building 3, Liandong Intelligent Manufacturing Park, No. 105, Shilong North Road, Nanhai District, Foshan City
制造商地址: 佛山市南海区桂城街道石龙北路 105号 联东智造园 3 座 5 楼

The above samples and information are provided by the customer
以上样品及信息由客户提供

Sample Received Date: Dec 24, 2024
样品接收日期: 2024年12月24日

Test Period: Dec 24, 2024 to Dec 30, 2024
检测周期: 2024年12月24日至2024年12月30日

Test Requirements: Test according to customer requirement
检测要求: 根据客户要求检测

Test Method: Please refer to next page(s)
检测方法: 参见下一页

Test Result: Please refer to next page(s)
检测结果: 参见下一页

Test Conclusion: **FAIL**
检测结论: 不符合

WRITTEN BY

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REVIEWED BY

符克霞 Kira Fu

Soar Testing Certification
(GuangDong) Co., Ltd.

APPROVED BY

吴峥荣 Eric Wu 吴成友 Frank Wu

批准签署人 Approved signatory

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Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
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Website: http://www.soartestlab.com



Result Summary:

检测结果概要:

Test Requested 检测要求	Conclusion 结论
1. RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU)2015/863 1) Lead, Mercury, Cadmium, Hexavalent Chromium Content 铅、汞、镉、六价铬含量 2) PBBs and PBDEs Content 多溴联苯和多溴二苯醚含量 3) Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content 邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸丁苄酯(BBP)、 邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量	FAIL 不符合 PASS 符合 PASS 符合

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Test Result(s):

检测结果:

Description of test sample:

检测样品描述:

Sample No. 样品编号	Item / Component Description(s) 描述	Location(s) 部位	Style(s)/Model(s) 类别/型号
1.	Gray Cream 灰色膏状物	Refer to photo 详见照片	RL-400 RL-400

1. RoHS Directive 2011/65/EU Annex II amending Directive (EU)2015/863

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863

1) Lead, Mercury, Cadmium, Hexavalent Chromium Content

铅, 汞, 镉, 六价铬含量

Test method: Refer to EN 62321-4:2014+A1:2017, EN 62321-5:2014 and EN 62321-7-2:2017, analysis was performed by ICP-OES and UV-Vis.

检测方法: 参考 EN 62321-4:2014+A1:2017, EN 62321-5:2014 和 EN 62321-7-2:2017, 采用 ICP-OES 和 UV-Vis 进行分析。

Test Item 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Lead (Pb) 铅(Pb)	1000	mg/kg	2	503598
Mercury (Hg) 汞(Hg)	1000	mg/kg	2	N.D.
Cadmium(Cd) 镉(Cd)	100	mg/kg	2	7
Hexavalent Chromium (CrVI) 六价铬(Cr(VI))	1000	mg/kg	2	N.D.
Conclusion 结论				FAIL 不符合

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. EN 62321 series is equivalent to IEC 62321 series

注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (<方法检出限)
3. MDL = 方法检出限
4. EN 62321 系列等同于 IEC 62321 系列

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2) PBBs and PBDEs Content

多溴联苯和多溴二苯醚含量

Test method: Refer to EN 62321-6:2015, analysis was performed by GC-MS.

检测方法: 参考 EN 62321-6:2015, 采用 GC-MS 进行分析。

Test Item 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Sum of PBBs 多溴联苯总和(PBBs)	1000	mg/kg	-	N.D.
Sum of PBDEs 多溴二苯醚总和(PBDEs)	1000	mg/kg	-	N.D.
Monobromobiphenyl 一溴联苯	-	mg/kg	5	N.D.
Dibromobiphenyl 二溴联苯	-	mg/kg	5	N.D.
Tribromobiphenyl 三溴联苯	-	mg/kg	5	N.D.
Tetrabromobiphenyl 四溴联苯	-	mg/kg	5	N.D.
Pentabromobiphenyl 五溴联苯	-	mg/kg	5	N.D.
Hexabromobiphenyl 六溴联苯	-	mg/kg	5	N.D.
Heptabromobiphenyl 七溴联苯	-	mg/kg	5	N.D.
Octabromobiphenyl 八溴联苯	-	mg/kg	5	N.D.
Nonabromobiphenyl 九溴联苯	-	mg/kg	5	N.D.
Decabromobiphenyl 十溴联苯	-	mg/kg	5	N.D.
Monobromodiphenyl ether 一溴二苯醚	-	mg/kg	5	N.D.
Dibromodiphenyl ether 二溴二苯醚	-	mg/kg	5	N.D.
Tribromodiphenyl ether 三溴二苯醚	-	mg/kg	5	N.D.
Tetrabromodiphenyl ether 四溴二苯醚	-	mg/kg	5	N.D.
Pentabromodiphenyl ether 五溴二苯醚	-	mg/kg	5	N.D.

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Hexabromodiphenyl ether 六溴二苯醚	-	mg/kg	5	N.D.
Heptabromodiphenyl ether 七溴二苯醚	-	mg/kg	5	N.D.
Octabromodiphenyl ether 八溴二苯醚	-	mg/kg	5	N.D.
Nonabromodiphenyl ether 九溴二苯醚	-	mg/kg	5	N.D.
Decabromodiphenyl ether 十溴二苯醚	-	mg/kg	5	N.D.
Conclusion 结论				PASS 符合

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. "-" = Not Regulated
5. EN 62321 series is equivalent to IEC 62321 series

注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (<方法检出限)
3. MDL = 方法检出限
4. "-" = 未规定
5. EN 62321 系列等同于 IEC 62321 系列

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3) Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content

邻苯二甲酸二丁酯 (DBP), 邻苯二甲酸丁苄酯(BBP), 邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP)含量

Test method: Refer to EN 62321-8:2017, analysis was performed by GC-MS.

检测方法: 参考 EN 62321-8:2017, 采用 GC-MS 进行分析。

Test Item 检测项目	Limit 限值	Unit 单位	MDL	Result 结果
				No.1
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯(DBP)	1000	mg/kg	50	N.D.
Benzylbutyl phthalate (BBP) 邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	N.D.
Di-(2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	N.D.
Diisobutyl phthalate(DIBP) 邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	N.D.
Conclusion 结论				PASS 符合

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. EN 62321 series is equivalent to IEC 62321 series

注释:

1. mg/kg = 毫克每千克 = ppm
2. N.D. = 未检出 (<方法检出限)
3. MDL = 方法检出限
4. EN 62321 系列等同于 IEC 62321 系列

Remark 备注:

As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

根据申请人的要求,对提交样品所选的材料进行检测。测试结果仅对提交的样品负责。本检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的,仅供参考。

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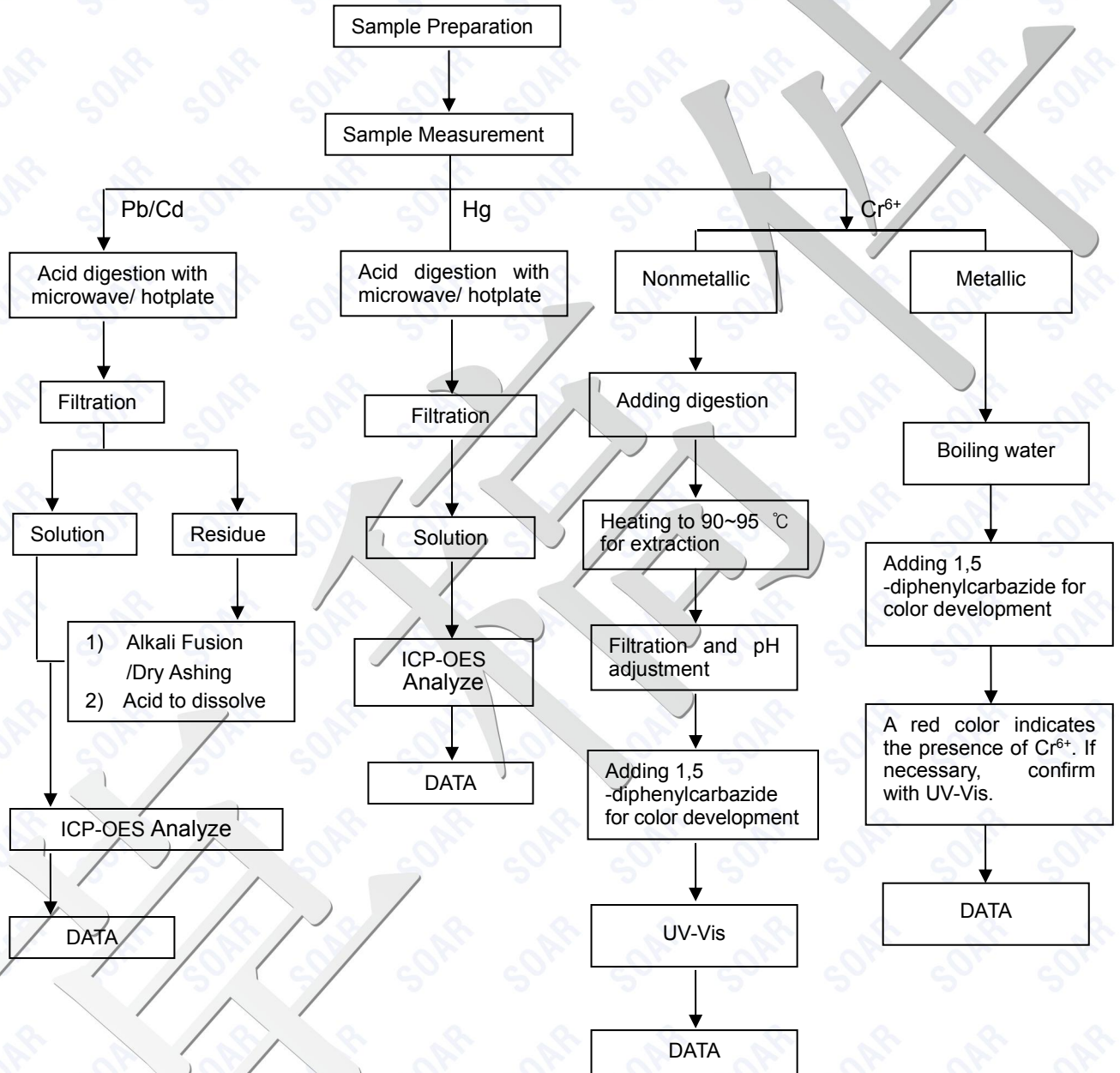
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E-mail: service@soar-cert.com

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Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart

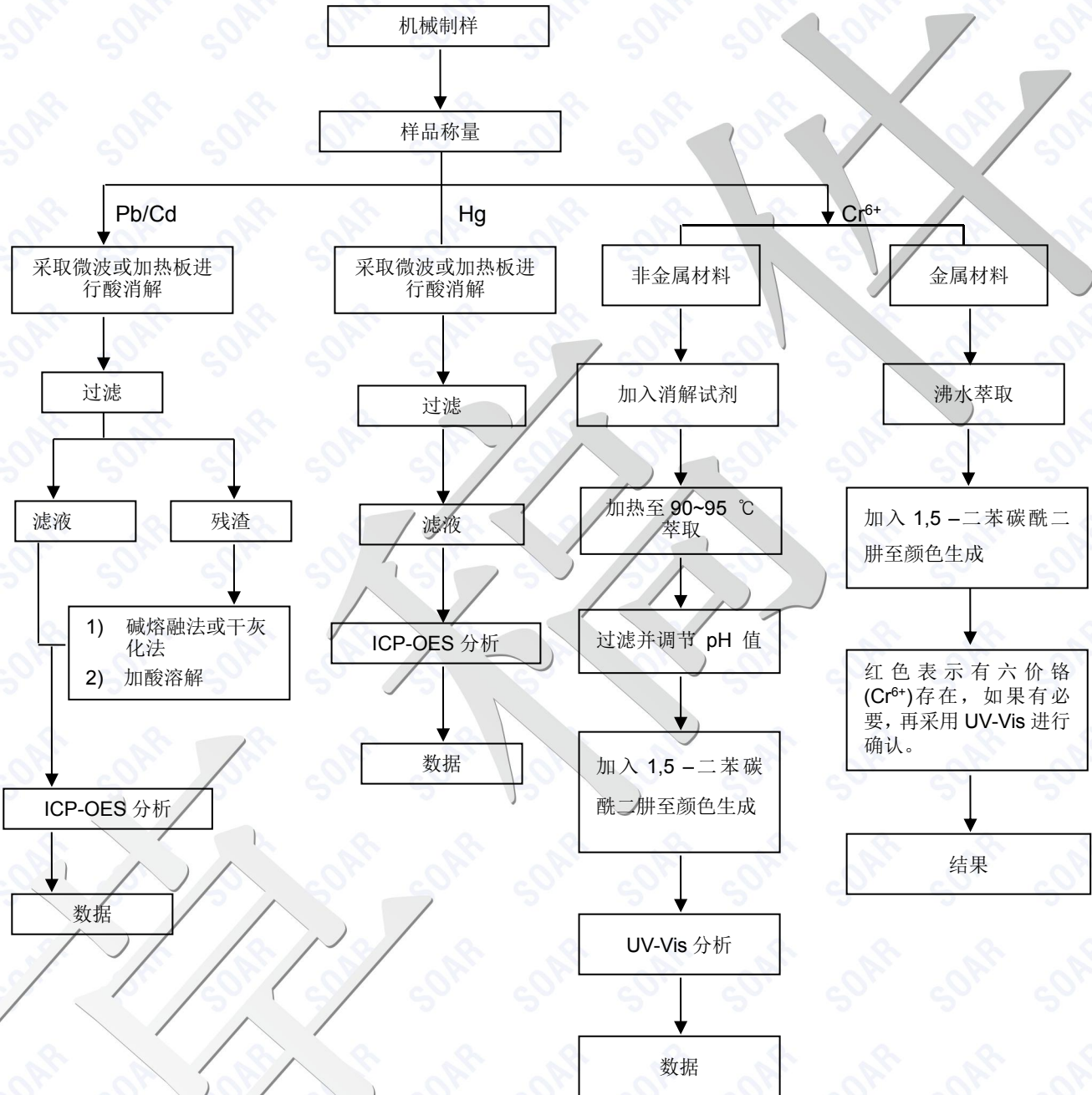
1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ test method excluded)



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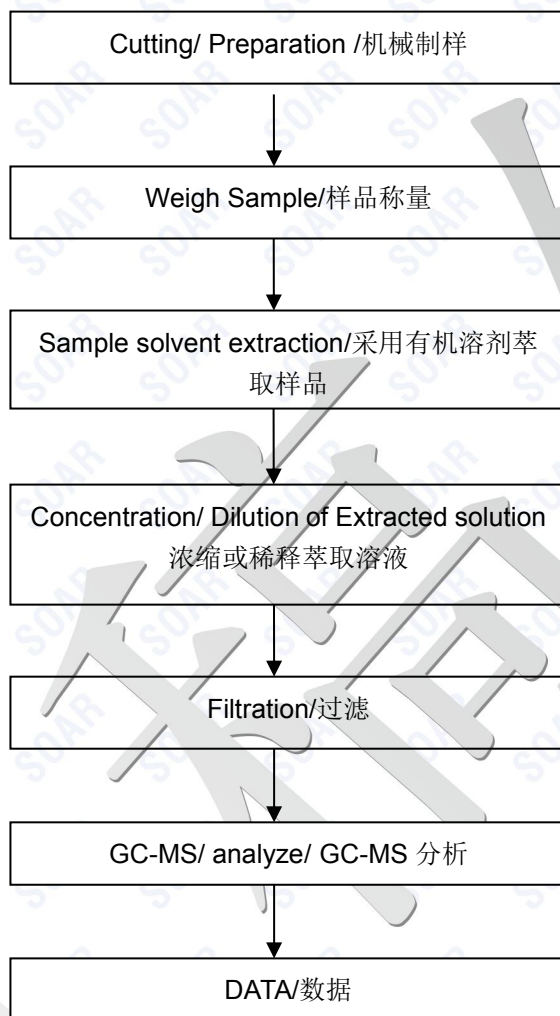
Pb/Cd/Hg/Cr⁶⁺ 检测流程图

1) 根据以下测试流程图样品在预处理方法中被完全溶解(Cr⁶⁺ 测试方法除外)。



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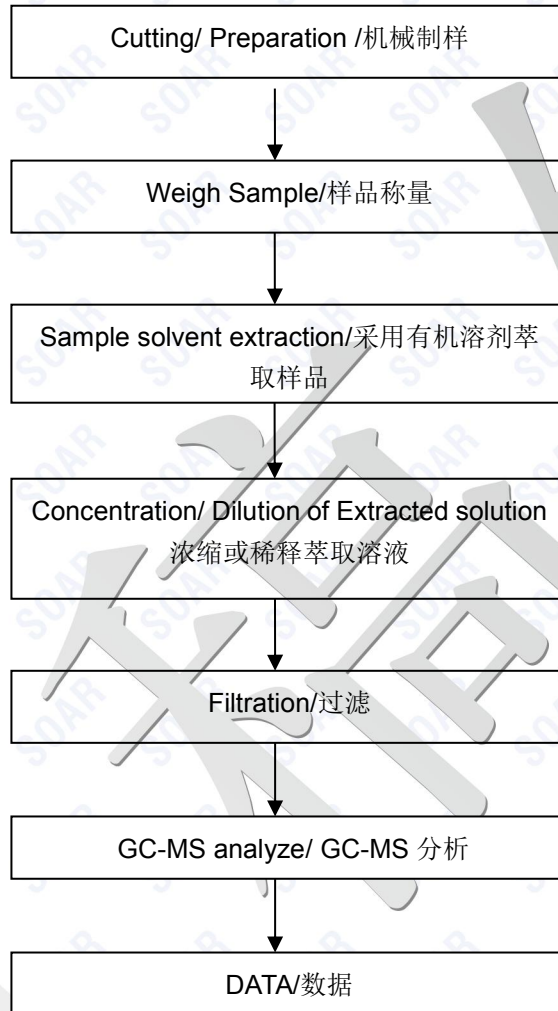
PBBs/PBDEs Testing Flow Chart
多溴联苯/多溴二苯醚 检测流程图



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Phthalates Testing Flow Chart

邻苯二甲酸酯 检测流程图



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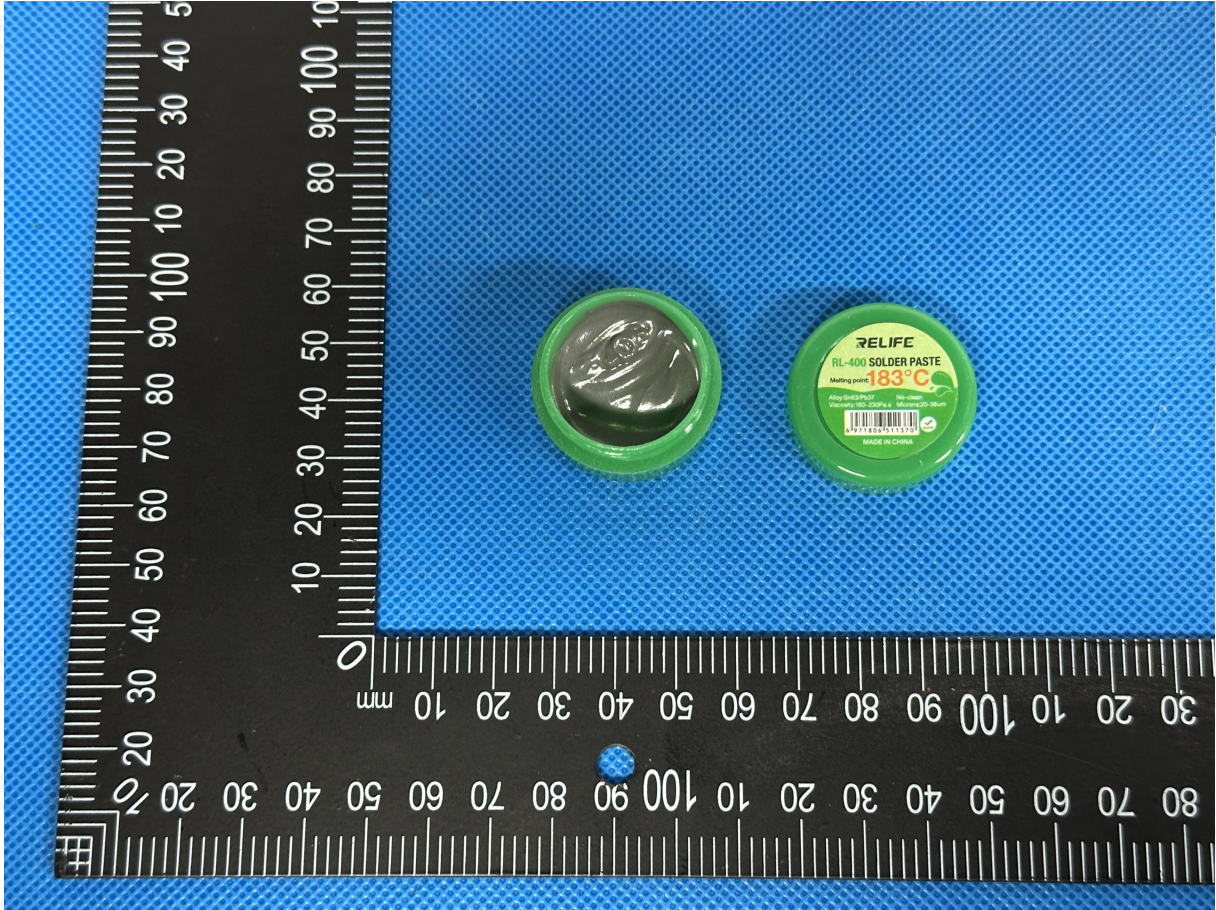
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Photo of the Sample:
样品照片:



The photo is for use with SOAR original report only.

此照片仅限于随腾飞正本报告使用

*** End of Report ***

*** 报告结束 ***

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