

Test Report
测试报告

No. C201014056003
编号: C201014056003

Date: Oct 20, 2020
日期: 2020年10月20日

Page 1 of 9
第1页,共9页

Applicant: FOSHAN GUQIAO NANO TECHNOLOGY CO., LTD.
FOSHAN SHUNDE JIELIGE FINE CHEMICAL INDUSTRY CO., LTD.
申请公司: 佛山市固桥纳米科技有限公司
佛山市顺德区杰利哥精细化工实业有限公司
Applicant Address: FU'AN INDUSTRIAL AREA, LELIU TOWN, SHUNDE DISTRICT, FOSHAN CITY,
GUANGDONG PROVINCE
申请公司地址: 广东佛山市顺德区勒流镇富安工业区

The following samples were submitted and identified on behalf of the clients as
以下测试之样品是由申请者所提供及确认

Sample Name: YINJING long-term rust inhibitor
样品名称: 银晶长期防锈剂
CPST Internal Reference No: C201014056
编号: C201014056
Date of Sample Received: Oct 14, 2020
收样日期: 2020年10月14日
Testing Period: Oct 14, 2020 to Oct 20, 2020
测试周期: 2020年10月14日至2020年10月20日
Test Method: Please refer to next pages
测试方法: 请参见下一页
Test Result: Please refer to next pages
测试结果: 请参见下一页



Signed for and on behalf of
Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

WRITTEN BY :

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Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

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CONCLUSION :

结 论:

<u>TESTED SAMPLES</u> 测试样品	<u>TEST ITEM</u> 测试项目	<u>RESULT</u> 结果
YINJING long-term rust inhibitor 银晶长期防锈剂	1.RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102 1.RoHS 指令2011/65/EU附录II的修正指令(EU)2015/863和修正指令 (EU)2017/2102 — Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content —铅、汞、镉、六价铬、多溴联苯和多溴联苯醚含量 —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)、邻苯二甲酸苯基丁酯(BBP)、 邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量	PASS 合格 PASS 合格

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Photo of the Submitted Sample

送检样品照片



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Test Result(s):

测试结果:

Description of Specimen : Transparent liquid
样品描述 : 透明液体

1. Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs—RoHS Directive 2011/65/EU

Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102

1. 铅、汞、镉、六价铬、多溴联苯和多溴联苯醚含量—RoHS 指令 2011/65/EU 附录 II 的修正指令(EU)2015/863 和修正指令(EU)2017/2102

Test Items 测试项目	Unit 单位	Test Method 测试方法	Result 结果	MDL 检出限	Limit 限值
Lead (Pb)/铅	mg/kg	IEC 62321-5:2013, ICP-OES	N.D.	2	1000
Mercury (Hg)/汞	mg/kg	IEC 62321-4:2013+A1:2017, ICP-OES	N.D.	2	1000
Cadmium(Cd)/镉	mg/kg	IEC 62321-5:2013, ICP-OES	N.D.	2	100
Hexavalent Chromium (CrVI)/六价铬	mg/kg	IEC 62321-7-2:2017, UV-VIS	N.D.	2	1000
Monobromobiphenyl/一溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Dibromobiphenyl/二溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Tribromobiphenyl/三溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Tetrabromobiphenyl/四溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Pentabromobiphenyl/五溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Hexabromobiphenyl/六溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Heptabromobiphenyl/七溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Octabromobiphenyl/八溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Nonabromobiphenyl/九溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Decabromobiphenyl/十溴联苯	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Sum of PBBs/多溴联苯总和	mg/kg	-	N.D.	-	1000
Monobromodiphenyl ether/一溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Dibromodiphenyl ether/二溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Tribromodiphenyl ether/三溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Tetrabromodiphenyl ether/四溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Pentabromodiphenyl ether/五溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Hexabromodiphenyl ether/六溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Heptabromodiphenyl ether/七溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Octabromodiphenyl ether/八溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Nonabromodiphenyl ether/九溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Decabromodiphenyl ether/十溴联苯醚	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	-
Sum of PBDEs/多溴联苯醚总和	mg/kg	-	N.D.	-	1000

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Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method detection limit
4. "-" = Not Regulated

注释:

1. mg/kg =毫克每千克= ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限
4. "-" = 未规定

-Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content—RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102

-邻苯二甲酸二(2-乙基己基)酯(DEHP)、邻苯二甲酸苯基丁酯(BBP)、邻苯二甲酸二丁酯(DBP)、邻苯二甲酸二异丁酯(DIBP)含量—RoHS 指令2011/65/EU附录II的修正指令(EU)2015/863和修正指令(EU)2017/2102

Test method: With reference to IEC 62321-8:2017, analysis was performed by Gas Chromatograph-Mass Spectrometer (GC-MS).

测试方法: 参考 IEC 62321-8:2017, 使用气相色谱质谱联用仪(GC-MS)进行分析。

Test Items 测试项目	Unit 单位	Result 结果	MDL 检出限	Limit 限值
Di-(2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸二(2-乙基己基)酯(DEHP)	mg/kg	N.D.	50	1000
Benzylbutyl phthalate (BBP) 邻苯二甲酸苯基丁酯(BBP)	mg/kg	N.D.	50	1000
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯(DBP)	mg/kg	N.D.	50	1000
Diisobutyl phthalate(DIBP) 邻苯二甲酸二异丁酯(DIBP)	mg/kg	N.D.	50	1000

Note:

1. mg/kg = milligram per kilogram= ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method detection limit

注释:

1. mg/kg =毫克每千克= ppm
2. N.D. = 未检出 (< MDL)
3. MDL = 方法检测限

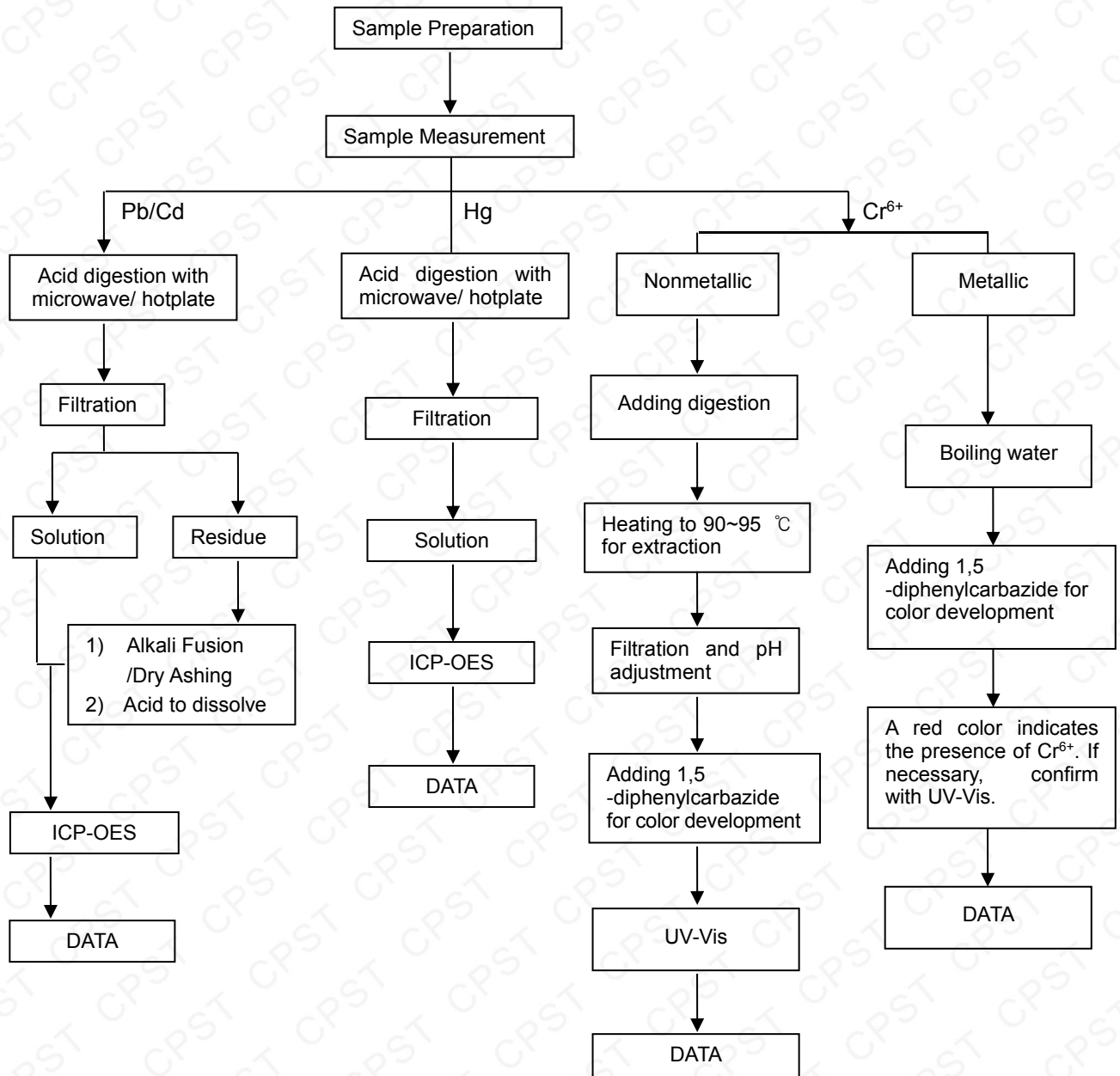
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Pb/Cd/Hg/Cr⁶⁺ Testing Flow Chart

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

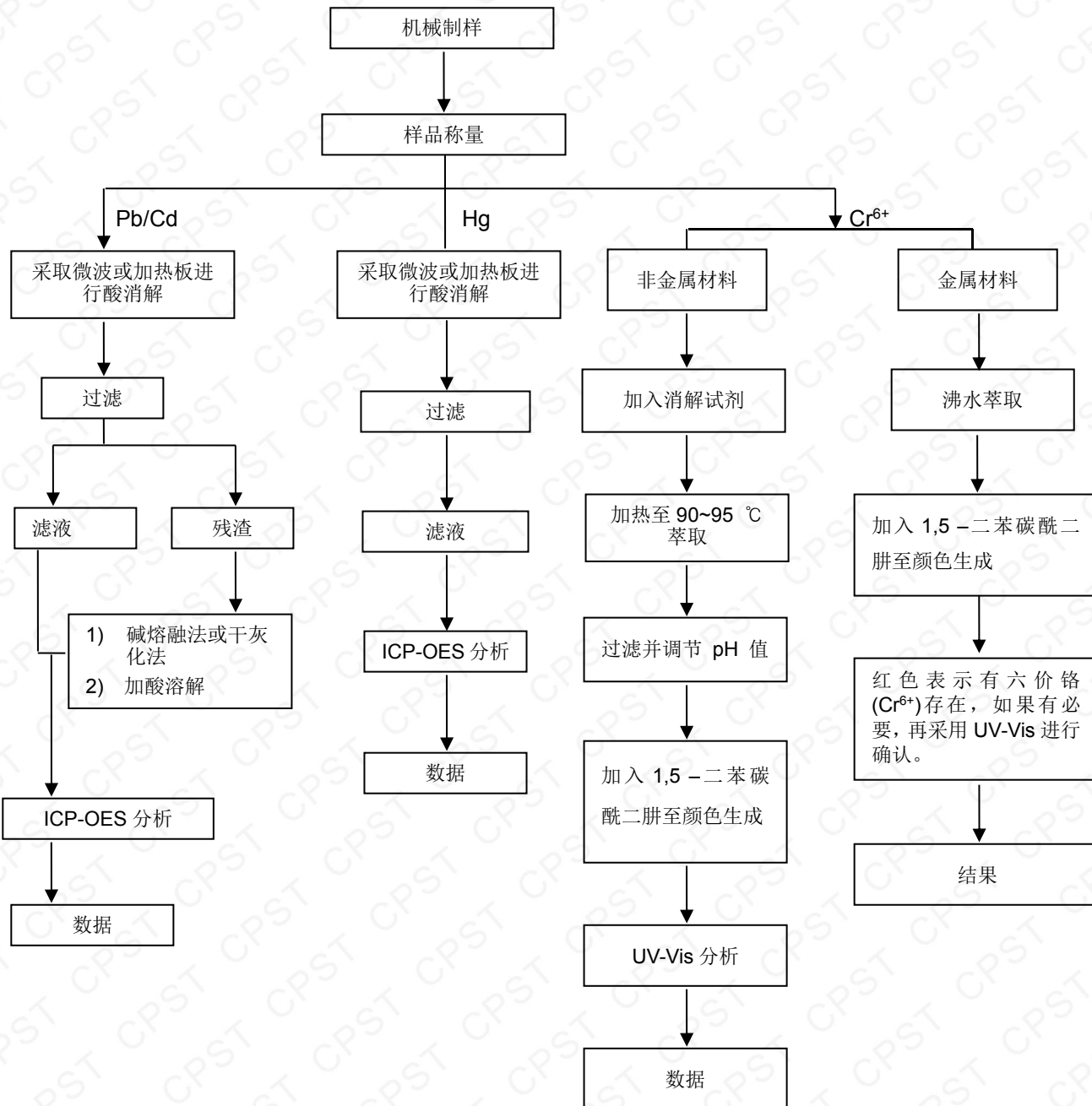


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Pb/Cd/Hg/Cr⁶⁺ 测试流程图

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)。

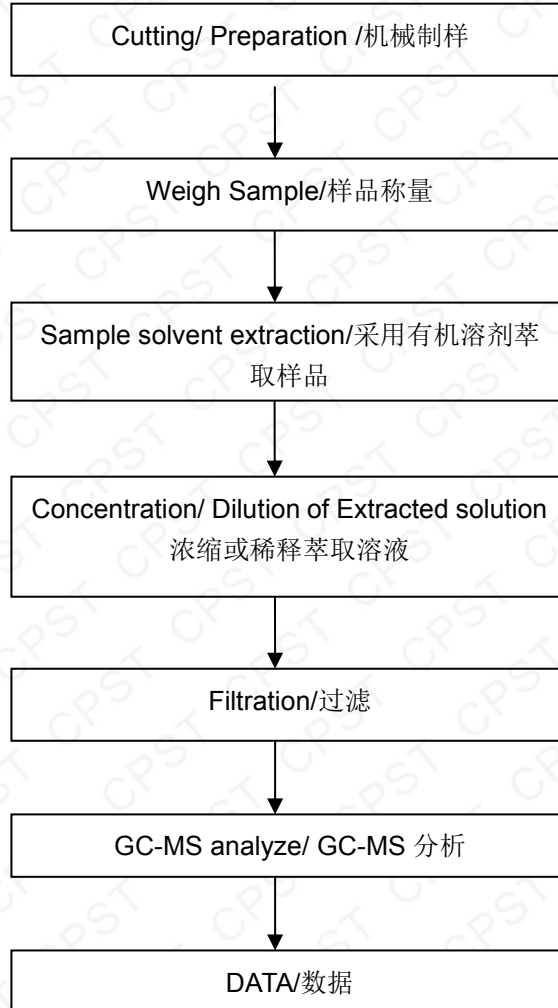


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PBBs/PBDEs Testing Flow Chart 多溴联苯/多溴联苯醚 测试流程图



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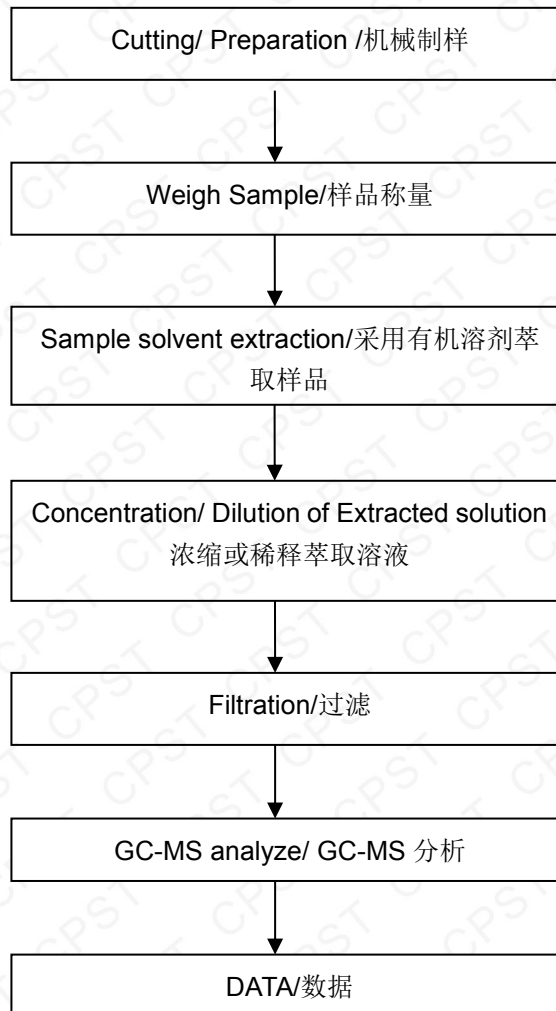
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Phthalates Testing Flow Chart 邻苯二甲酸酯 测试流程图



*** End of Report ***

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