

测试报告 (Test Report) 报告编号(NO.): MUCWVTEG8245407D1 签发日期(Issued Date): 2026-03-18 Page 1 of 8

委托单位 Applicant:

东莞市中子电子材料有限公司

DONG GUAN NEUTRON ELECTRONIC MATERIALS CO.,LTD

地址 Address:

东莞市万江街道新谷涌社区泰路 551 号 1 号厂房

No. 551 Taixin Road, Xinguyong Community, Wanjiang Street,
Dongguan City

委托单位提供样品信息如下:

The following sample(s) was/were submitted and identified on behalf of the client as:

样品名称 Sample Name:

BT-直焊剂/BT-Direct flux

样品接收日期 Sample Received Date:

2026-03-11

样品测试日期 Testing Period:

2026-03-11 ~ 2026-03-18

测试项目:

(1) 铅,镉,汞,六价铬,多溴联苯,多溴二苯醚

(2) 邻苯二甲酸酯类

Test Items:

(1) Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs

(2) Phthalates

参考要求:

RoHS 2011/65/EU 及修订指令(EU)2015/863 附录 II 的要求

Reference Requested:

RoHS Directive 2011/65/EU & (EU)2015/863 Annex II

参考方法 Reference Method:

请参见下页 Please refer to next page(s)

测试结果 Testing Results:

请参见下页 Please refer to next page(s)

批准人 Approved by:

毛祖青



Code: yz3gb2e

声明 Statement

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If the applicant has any objection to the report data, please submit a written application for retesting to us within 15 days after the completion of the (for the report of primary agricultural products, submit a written application for retesting to the unit within 5 working days after the receipt of the report), with the original report attached and the retesting fee prepaid.
4. 委托单位办理完毕以上手续后，本单位会尽快安排复测。如果复测结果与异议内容相符，本单位将退还委托单位的复测费。
After the applicant completes the above procedures, we shall arrange the retesting as soon as possible. If the retest result is consistent with the objection, we will refund the retest fees.
5. 不可重复性或不能进行复测的实验，不进行复测，委托单位放弃异议权利。
If the experiment cannot be repeated or cannot be retested, no retest shall be conducted, and the applicant shall waive the right of objection.
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The applicant is responsible for the representativeness of the commissioned samples and the authenticity of the documents, otherwise we do not assume any relevant responsibilities.
7. 本报告仅对所测样品的测试结果负责，测试结果及其相关判定结论仅反映对所测样品的评价或只代表测试时污染物的排放状况。对于报告及所载内容不能进行商业广告宣传使用，使用所产生的直接或间接损失及一切法律后果，本单位不承担任何经济和法律责任。
This report is only responsible for the test results of the tested samples. The test results and relevant conclusions reflect the evaluation of the tested samples or only represent the emission status of pollutants during the test. The report and the contents contained in it cannot be used for commercial advertising, and we do not assume any economic and legal liabilities for direct or indirect losses and all legal consequences arising from the use.
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We have the right to dispose the tested sample after approval of the test report. Unless the applicant specifically declares and pays the sample management fee, all samples beyond the validity period specified in the standard will not be retained.
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测试清单 Test List:

序号 No.	测试项目 Test Items	参考方法 Reference Method	主要仪器 Equipment
(1)	铅 Pb	IEC62321-5 Edition 1.0:2013	原子吸收光谱仪 AAS
	镉 Cd		原子吸收光谱仪 AAS
	汞 Hg	IEC 62321-4:2013+AMD1:2017 CSV	电感耦合等离子体发射光谱仪 ICP-OES
	六价铬 Cr ⁶⁺	IEC 62321-7-2 Edition 1.0:2017	紫外—可见分光光度计 UV-Vis
	多溴联苯, 多溴二苯醚 PBBs, PBDEs	IEC 62321-6 Edition 1.0:2015	气相色谱质谱联用仪 GC-MS
(2)	邻苯二甲酸酯类 Phthalates	IEC 62321-8 Edition 1.0:2017	气相色谱质谱联用仪 GC-MS

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测试结果 Test Results (Unit: mg/kg)

测试项目 Test Item	方法检出限 MDL	测试结果 Test Result	RoHS 限量 RoHS Limit
铅 (Lead)	1	未检出 (N.D.)	1000
镉 (Cadmium)	1	未检出 (N.D.)	100
汞 (Mercury)	1	未检出 (N.D.)	1000
六价铬 (Hexavalent Chromium)	8	未检出 (N.D.)	1000
多溴联苯之和 (Sum of PBBs)	—	未检出 (N.D.)	1000
一溴联苯 (Bromobiphenyl)	5	未检出 (N.D.)	—
二溴联苯 (Dibromobiphenyl)	5	未检出 (N.D.)	—
三溴联苯 (Tribromobiphenyl)	5	未检出 (N.D.)	—
四溴联苯 (Tetrabromobiphenyl)	5	未检出 (N.D.)	—
五溴联苯 (Pentabromobiphenyl)	5	未检出 (N.D.)	—
六溴联苯 (Hexabromobiphenyl)	5	未检出 (N.D.)	—
七溴联苯 (Heptabromobiphenyl)	5	未检出 (N.D.)	—
八溴联苯 (Octabromobiphenyl)	5	未检出 (N.D.)	—
九溴联苯 (Nonabromobiphenyl)	5	未检出 (N.D.)	—
十溴联苯 (Decabromobiphenyl)	5	未检出 (N.D.)	—
多溴二苯醚之和 (Sum of PBDEs)	—	未检出 (N.D.)	1000
一溴二苯醚 (Bromodiphenyl ether)	5	未检出 (N.D.)	—
二溴二苯醚 (Dibromodiphenyl ether)	5	未检出 (N.D.)	—
三溴二苯醚 (Tribromodiphenyl ether)	5	未检出 (N.D.)	—
四溴二苯醚 (Tetrabromodiphenyl ether)	5	未检出 (N.D.)	—
五溴二苯醚 (Pentabromodiphenyl ether)	5	未检出 (N.D.)	—
六溴二苯醚 (Hexabromodiphenyl ether)	5	未检出 (N.D.)	—
七溴二苯醚 (Heptabromodiphenyl ether)	5	未检出 (N.D.)	—
八溴二苯醚 (Octabromodiphenyl ether)	5	未检出 (N.D.)	—
九溴二苯醚 (Nonabromodiphenyl ether)	5	未检出 (N.D.)	—
十溴二苯醚 (Decabromodiphenyl ether)	5	未检出 (N.D.)	—

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测试结果 Test Results (Unit: mg/kg)

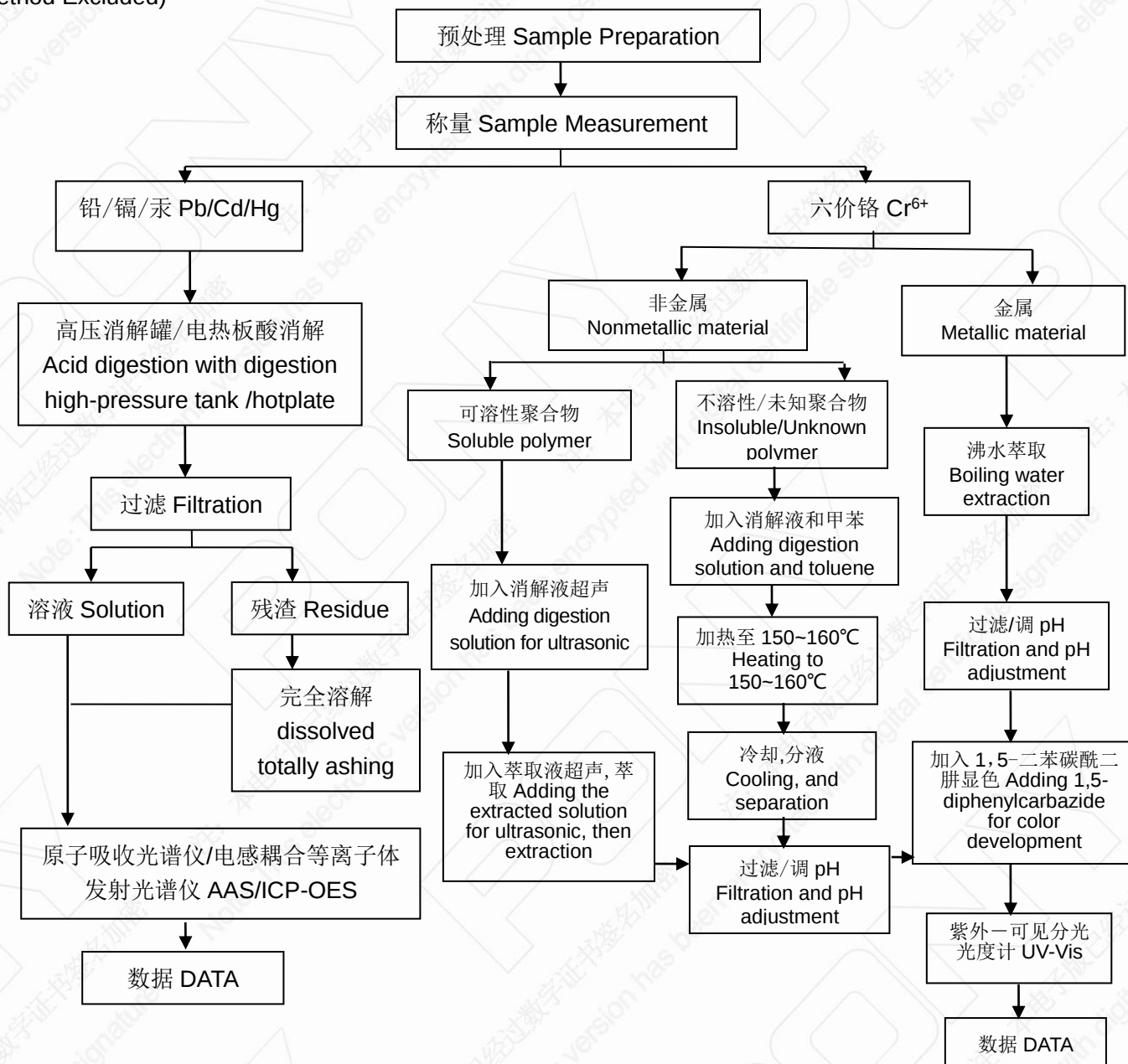
测试项目 Test Item	方法检出限 MDL	测试结果 Test Result	RoHS 限量 RoHS Limit
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	50	未检出 (N.D.)	1000
邻苯二甲酸二丁酯 (DBP)	50	未检出 (N.D.)	1000
邻苯二甲酸苄基丁酯 (BBP)	50	未检出 (N.D.)	1000
邻苯二甲酸二异丁酯 (DIBP)	50	未检出 (N.D.)	1000

备注 Note: (1) mg/kg = ppm
(2) “—” = 未规定 Does not stipulate
(3) N.D. = 未检出 Not Detected (< MDL)
(4) MDL = 方法检出限 Method Detection Limit
(5) 最大允许极限值引用 RoHS 2011/65/EU 及修订指令(EU)2015/863 附录 II 的要求
The most allowable limit value reference to RoHS Directive 2011/65/EU & (EU)2015/863 Annex II

RoHS 测试流程图 RoHS Measurement Flow-chart

测试人员 Tested By: 吴磊 审核人 Checked by: 彭平平 实验室负责人 Person in charge of the lab by: 毛祖青
样品按照下述流程被完全消解 (六价铬除外)。

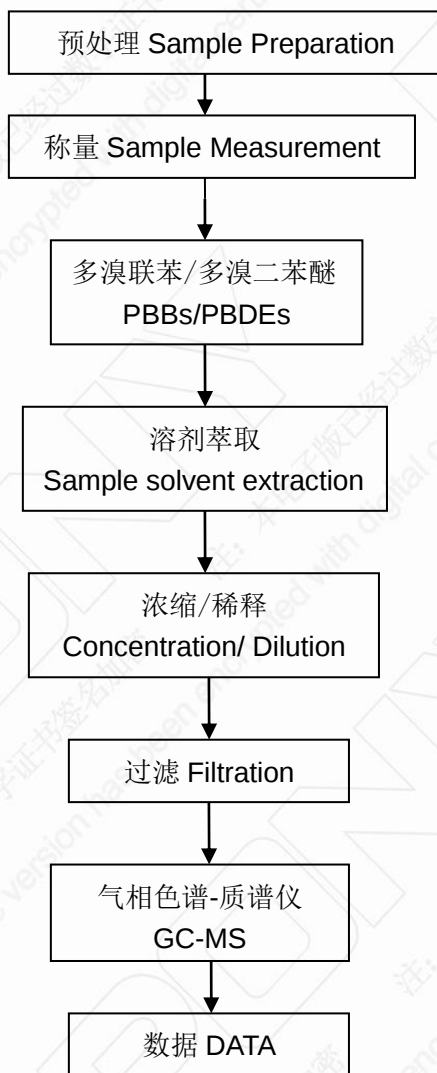
These Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart. (Cr⁶⁺ Test Method Excluded)



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测试流程图 Measurement Flow-chart

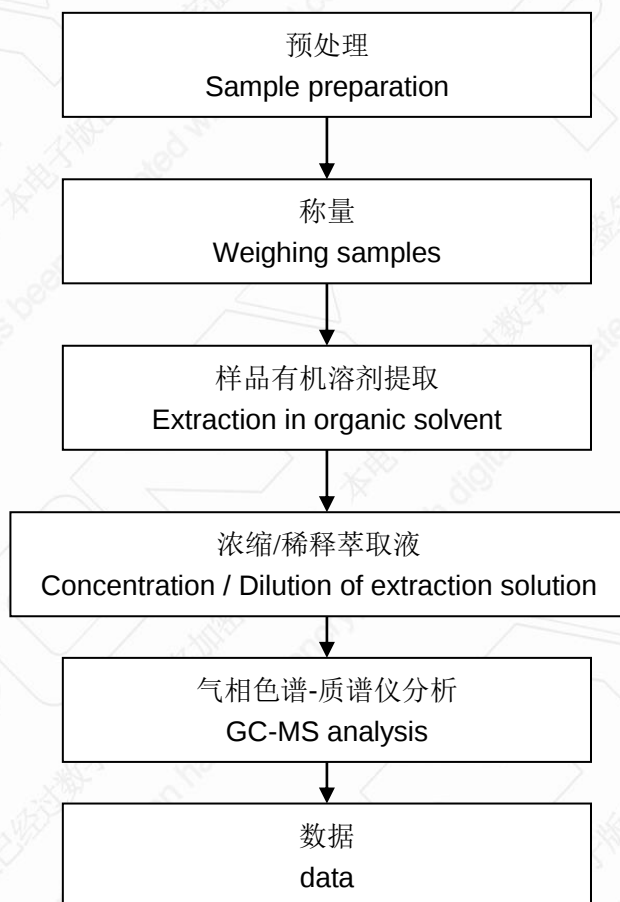
测试人员 Tested By: 叶雅韵 审核人 Checked by: 彭平平 实验室负责人 Person in charge of the lab by: 毛祖青



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邻苯二甲酸酯类 测试流程 Phthalates Measurement Flow-chart

测试人员Tested By: 林蔚丹 审核人Checked by: 彭平平 实验室负责人Person in charge of the lab by: 毛祖青



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样品编号和照片 Sample No. & Photo:

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