



测试报告 Test Report

NO.: BRCBDY1B2559177D1 签发日期 Issued Date: 2023-03-10 第 1 页, 共 6 页 Page 1 of 6

委托单位 Applicant: 青岛海燕化工有限公司
Qingdao Petrel Chemical Co.,Ltd.

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: 氧化锌 Zinc Oxide
制造商 Manufacturer: 青岛海燕化工有限公司
Qingdao Petrel Chemical Co.,Ltd.
样品来源 Sample Source: 送样 Send Sample

样品接收日期 Sample Received Date: 2023-03-06
样品测试日期 Test Period: 2023-03-06~2023-03-10

测试要求 Test Requested: RoHS 2011/65/EU 及修订指令(EU)2015/863 附录 II 的要求
RoHS Directive 2011/65/EU & (EU)2015/863 Annex II

测试依据 Test Methods:

- (1) IEC 62321-5 Edition 1.0:2013 的方法, 用原子吸收光谱仪测定铅的含量
IEC 62321-5 Edition 1.0:2013 method, Lead Analysis is performed by AAS
- (2) IEC 62321-5 Edition 1.0:2013 的方法, 用原子吸收光谱仪测定镉的含量
IEC 62321-5 Edition 1.0:2013 method, Cadmium Analysis is performed by AAS
- (3) IEC 62321-4:2013+AMD1:2017 CSV 的方法, 用电感耦合等离子体发射光谱仪测定汞的含量
IEC 62321-4:2013+AMD1:2017 CSV method, Mercury Analysis is performed by ICP-OES
- (4) IEC 62321-7-2 Edition 1.0:2017 的方法, 用紫外-可见分光光度计测定六价铬的含量
IEC62321-7-2 Edition 1.0:2017 method, Hexavalent Chromium analysis is performed by UV-Vis
- (5) IEC 62321-6 Edition 1.0:2015 的方法, 用气相色谱质谱联用仪测定多溴联苯和多溴二苯醚的含量
IEC 62321-6 Edition 1.0:2015 method, PBBs and PBDEs Analysis is performed by GC-MS
- (6) IEC 62321-8 Edition 1.0:2017 的方法, 用气相色谱质谱联用仪测定邻苯二甲酸酯类的含量
IEC 62321-8 Edition 1.0:2017 method, Phthalate analysis is performed by GC-MS

测试结果 Test Result: 请参见下页 Please refer to next page(s)

编制 (Edited by):

慈双双

审核 (Checked by):

张天宇

批准 (Approved by):

慈双双

张天宇

签发日期 (Issued Date):

2023-03-10



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测试结果 Test Result (单位 Unit: mg/kg)

测试样品描述 Testing part Description: 白色粉末 White Powder

样品编号及名称 Sample No.&Name: B2559177D1 氧化锌 Zinc Oxide

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 (Pb)	1	未检出 Not Detected.	1000
镉 Cadmium (Cd)	1	未检出 Not Detected.	100
汞 Mercury (Hg)	1	未检出 Not Detected.	1000
六价铬 Hexavalent Chromium (Cr ⁶⁺)	8	未检出 Not Detected.	1000
多溴联苯之和 Sum of PBBs	—	未检出 Not Detected.	1000
一溴联苯 Bromobiphenyl	5	未检出 Not Detected.	—
二溴联苯 Dibromobiphenyl	5	未检出 Not Detected.	—
三溴联苯 Tribromobiphenyl	5	未检出 Not Detected.	—
四溴联苯 Tetrabromobiphenyl	5	未检出 Not Detected.	—
五溴联苯 Pentabromobiphenyl	5	未检出 Not Detected.	—
六溴联苯 Hexabromobiphenyl	5	未检出 Not Detected.	—
七溴联苯 Heptabromobiphenyl	5	未检出 Not Detected.	—
八溴联苯 Octabromobiphenyl	5	未检出 Not Detected.	—
九溴联苯 Nonabromobiphenyl	5	未检出 Not Detected.	—
十溴联苯 Decabromobiphenyl	5	未检出 Not Detected.	—
多溴二苯醚之和 Sum of PBDEs	—	未检出 Not Detected.	1000
一溴二苯醚 Bromodiphenyl ether	5	未检出 Not Detected.	—
二溴二苯醚 Dibromodiphenyl ether	5	未检出 Not Detected.	—
三溴二苯醚 Tribromodiphenyl ether	5	未检出 Not Detected.	—
四溴二苯醚 Tetrabromodiphenyl ether	5	未检出 Not Detected.	—
五溴二苯醚 Pentabromodiphenyl ether	5	未检出 Not Detected.	—
六溴二苯醚 Hexabromodiphenyl ether	5	未检出 Not Detected.	—
七溴二苯醚 Heptabromodiphenyl ether	5	未检出 Not Detected.	—
八溴二苯醚 Octabromodiphenyl ether	5	未检出 Not Detected.	—
九溴二苯醚 Nonabromodiphenyl ether	5	未检出 Not Detected.	—
十溴二苯醚 Decabromodiphenyl ether	5	未检出 Not Detected.	—

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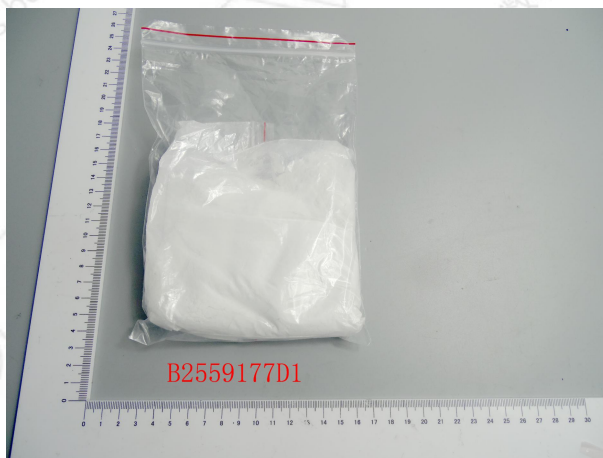
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测试结果 Test Result (单位 Unit: mg/kg)

测试项目 Test Item	CAS 号 CAS Number	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)	117-81-7	30	未检出 Not Detected.	1000
邻苯二甲酸二丁酯 (DBP)	84-74-2	30	未检出 Not Detected.	1000
邻苯二甲酸苝基丁酯 (BBP)	85-68-7	30	未检出 Not Detected.	1000
邻苯二甲酸二异丁酯 (DIBP)	84-69-5	30	未检出 Not Detected.	1000

- 备注 Note:
- (1) mg/kg = ppm
 - (2) “—”= 未规定 Does not stipulate
 - (3) 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
 - (4) 未检出(<方法检出限)Not Detected (<MDL)

样品编号和照片 Sample No. & Photo:



仅对报告照片中的样品负责 Pony authenticate the photo on original report only

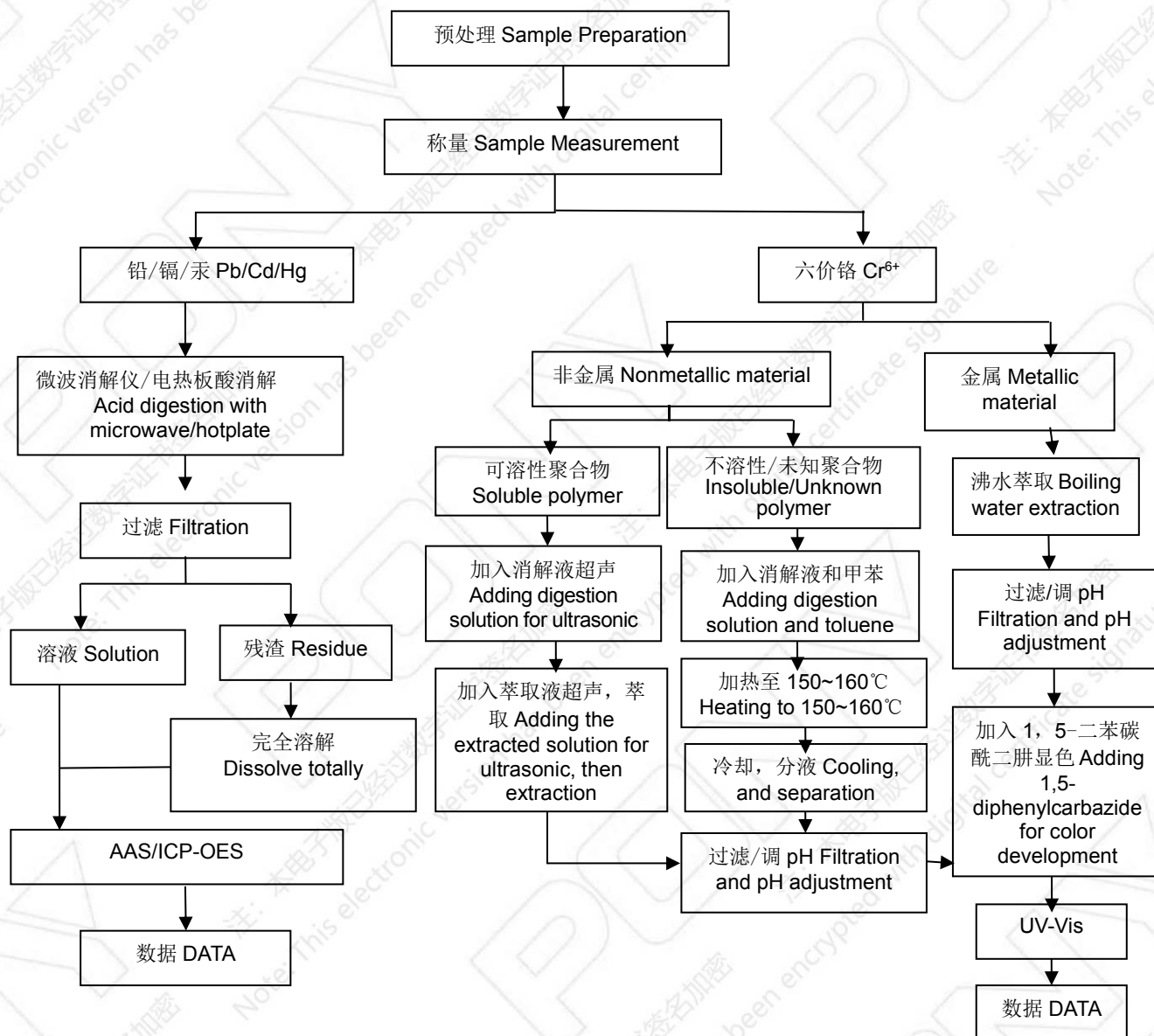
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测试流程图 Measurement Flow-chart

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)

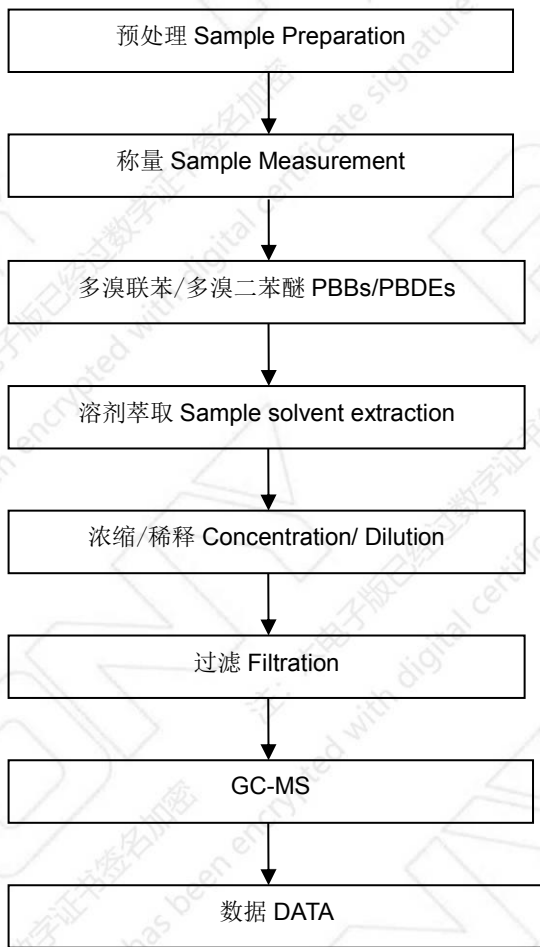


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测试流程图 Measurement Flow-chart

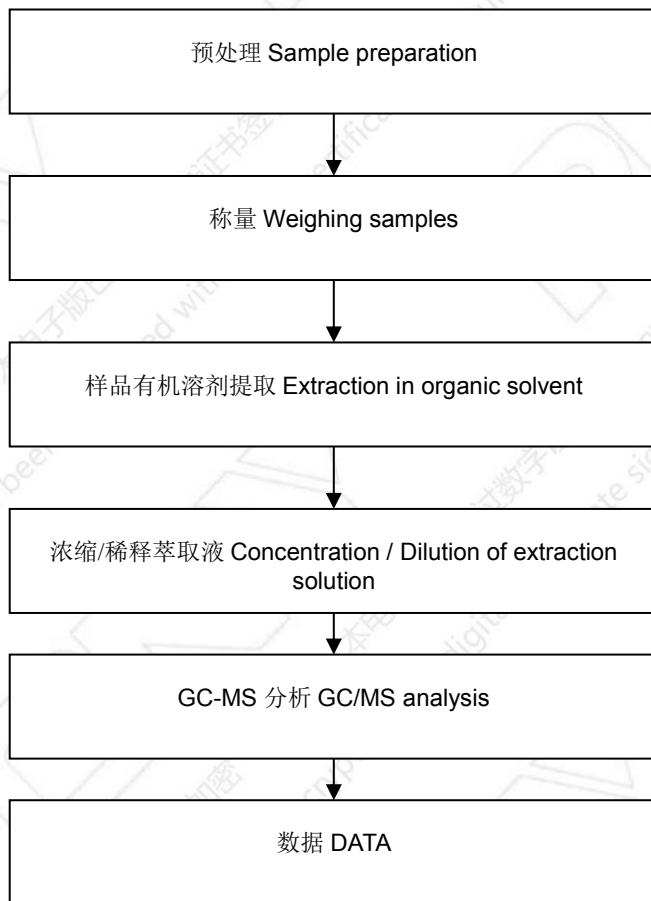


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邻苯二甲酸酯类测试流程 Phthalate Flow Chart



报告结束 End of Report

