

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第1页,共11页

金华大荣涂料有限公司
浙江省金华市汤溪镇迎旭路361号

以下测试之样品是由申请者所提供及确认: 水性氟树脂涂料

SGS工作编号: SP20-039799 - SH
 客户参考信息: 70P底、80M中、90T面、MEGA 点
 样品接收日期: 2020年12月11日
 测试周期: 2020年12月11日 - 2020年12月23日
 测试要求: 根据客户要求测试
 测试方法: 请参见下一页
 测试结果: 请参见下一页

测试结果概要:

测试要求	结论
德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011 及其修正指令 (EU) 2020/1245 和BfR建议-总迁移量	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-颜色迁移	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-感官(气味和味道)测试	符合
德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011 及其修正指令 (EU) 2020/1245 和BfR建议-初级芳香胺特定迁移量 (单项)	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案, 欧盟委员会法规 (EU) No 10/2011(2011年1月14日) 及其修正法案和BfR建议-多环芳香烃的特定迁移量	符合
德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011 及其修正指令 (EU) 2020/1245 和BfR建议-初级芳香胺特定迁移量 (总量)	符合
德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案, 欧盟委员会法规 (EU) No 10/2011(2011年1月14日) 及其修正法案和BfR建议-可迁移三价铬和六价铬	符合
德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011 及其修正指令 (EU) 2020/1245 和BfR建议-重金属特定迁移量	符合



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第2页,共11页

通标标准技术服务(上海)有限公司
授权签名

胡敏

Dora Hu胡敏
批准签署人

scan to see the report



SHAEC2024947002



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center - Client's Property

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第3页,共11页

测试结果:

测试样品描述:

样品编号	SGS样品ID	描述	材质 (客户提供)
SN1	SHA20-249470.001	银色金属带黑色涂层	不粘涂层

备注:

- (1) mg/dm² = 毫克每平方米
- (2) mg/kg = 毫克每千克
- (3) °C = 摄氏度
- (4) < = 小于
- (5) MDL = 方法检测限
- (6) ND = 未检出 (< MDL)

德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011及其修正指令 (EU) 2020/1245和BfR建议-总迁移量

测试方法: 测试方法: 参考欧盟委员会法规(EU) No 10/2011(2011年1月14日)附录III和附录V进行测试条件的选择, 参考EN1186-1: 2002进行测试方法的选择;
EN1186-9: 2002用水性食品模拟液进行填充法测试;
EN1186-14: 2002替代测试;

常用模拟液	时间	温度	最大允许限值	样品001 总迁移量	结论
3%乙酸水溶液(W/V) (第三次迁移)	4.0hr(s)	100°C	10mg/dm ²	<3.0mg/dm ²	符合
3%乙酸水溶液(W/V) (第二次迁移)	4.0hr(s)	100°C	-	<3.0mg/dm ²	
3%乙酸水溶液(W/V) (第一次迁移)	4.0hr(s)	100°C	-	<3.0mg/dm ²	
稳定性			-	--	YES
10%乙醇水溶液(V/V) (第三次迁移)	4.0hr(s)	100°C	10mg/dm ²	<3.0mg/dm ²	符合
10%乙醇水溶液(V/V) (第二次迁移)	4.0hr(s)	100°C	-	<3.0mg/dm ²	
10%乙醇水溶液(V/V) (第一次迁移)	4.0hr(s)	100°C	-	<3.0mg/dm ²	
稳定性			-	--	YES
异辛烷(第三次迁移)	4.0hr(s)	60°C	10mg/dm ²	<3.0mg/dm ²	符合



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第4页,共11页

异辛烷(第二次迁移)	4.0hr(s)	60°C	-	<3.0mg/dm ²	
异辛烷(第一次迁移)	4.0hr(s)	60°C	-	<3.0mg/dm ²	
稳定性			-	--	YES
95%乙醇(第三次迁移)	6.0hr(s)	60°C	10mg/dm ²	<3.0mg/dm ²	符合
95%乙醇(第二次迁移)	6.0hr(s)	60°C	-	<3.0mg/dm ²	
95%乙醇(第一次迁移)	6.0hr(s)	60°C	-	<3.0mg/dm ²	
稳定性			-	--	YES

备注:

- (1) 水性食品模拟液的分析允差是2 mg/dm² 或12 mg/kg。
- (2) 脂肪性食品模拟液的分析允差是3 mg/dm² 或20mg/kg。
- (3) 测试条件和模拟液由客户指定。

德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-颜色迁移

测试方法: 参考Kunststoffe im Lebensmittelverkehr, Part B II IX。

测试项目	限值	001
2%乙酸(W/W)	★	阴性
结论		符合
椰子油	★	阴性
结论		符合

备注:

- (1) ★= 颜色未见。
- (2) 阴性= 颜色未见; 阳性= 颜色可见。

德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案和BfR建议-感官(气味和味道)测试

测试方法: 参考DIN 10955:2004

测试人员数: 6

测试项目	限值	001
测试媒介	-	DW
测试时间(hr)	-	2
温度(°C)	-	100
感官(气味) 测试(分数制)	2.5	0
感官(味道)测试(分数制)	2.5	0
结论		符合



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

备注:

分数评价 (0.5进制):

0 - 无差别

1 - 极小差别

2 - 微弱的可察觉的差别

3 - 明显可察觉的差别

4 - 极大的差别

DW=蒸馏水

德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011及其修正指令 (EU) 2020/1245和BfR建议-初级芳香胺特定迁移量 (单项)

测试方法: 参考EN13130-1: 2004, 采用LC-MS-MS进行分析。

样品 001

模拟液: 3% 乙酸水溶液 (W/V)

迁移测试条件: 100 °C 2.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第一次
面积/体积	-	dm ² /kg	-	3.9
2,4,5-三甲基苯胺(2,4,5-TMA)	0.002	mg/kg	0.002	ND
2,4-二氨基甲苯(2,4-TDA)	0.002	mg/kg	0.002	ND
2-甲氧基-5-甲基苯胺(2-M-5-MA)	0.002	mg/kg	0.002	ND
3,3'-二甲基联苯胺(3,3'-DMB)	0.002	mg/kg	0.002	ND
4,4'-二氨基二苯醚(4,4'-DPE)	0.002	mg/kg	0.002	ND
4,4'-二氨基二苯甲烷(4,4'-MDA)	0.002	mg/kg	0.002	ND
4,4'-二氨基-3,3'-二甲基二苯甲烷(4,4'-MDoT)	0.002	mg/kg	0.002	ND
4-氨基联苯(4-ABP)	0.002	mg/kg	0.002	ND
4-氯苯胺(4-CA)	0.002	mg/kg	0.002	ND
4-氯-2-甲基苯胺(4-CoT)	0.002	mg/kg	0.002	ND
4-甲氧基间苯二胺(4-M-mPDA)	0.002	mg/kg	0.002	ND
对二氨基联苯(BNZ)	0.002	mg/kg	0.002	ND
邻甲氧基苯胺(o-ASD)	0.002	mg/kg	0.002	ND
邻甲基苯胺(o-T)	0.002	mg/kg	0.002	ND
间苯二胺(m-PDA)	0.002	mg/kg	0.002	ND
2-萘胺	0.002	mg/kg	0.002	ND
邻氨基偶氮甲苯	0.002	mg/kg	0.002	ND
2-氨基-4-硝基甲苯	0.002	mg/kg	0.002	ND
3,3'-二氯联苯胺	0.002	mg/kg	0.002	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日

第6页,共11页

3,3'-二甲氧基联苯胺	0.002	mg/kg	0.002	ND
4,4'-次甲基-双-(2-氯苯胺)	0.002	mg/kg	0.002	ND
4,4'-二氨基二苯硫醚	0.002	mg/kg	0.002	ND
4-氨基偶氮苯	0.002	mg/kg	0.002	ND
结论				符合

备注:

(1) 测试条件和模拟液由客户指定。

德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案, 欧盟委员会法规 (EU) No 10/2011(2011年1月14日) 及其修正法案和BfR建议-多环芳香烃的特定迁移量

测试要求:

测试方法: 参考EN13130-1:2004, 采用GC-MS进行分析。

样品 001

模拟液: 95%乙醇水溶液(V/V)

迁移测试条件: 60 °C 6.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第一次
面积/体积	-	dm ² /kg	-	3.9
萘 (NAP)	★	mg/kg	0.01	ND
萘烯(ANY)	★	mg/kg	0.01	ND
萘(萘嵌戊烷) (ANA)	★	mg/kg	0.01	ND
芴 (FLU)	★	mg/kg	0.01	ND
菲 (PHE)	★	mg/kg	0.01	ND
蒽 (ANT)	★	mg/kg	0.01	ND
荧蒽 (FLT)	★	mg/kg	0.01	ND
芘 (PYR)	★	mg/kg	0.01	ND
苯并(a)蒽 (BaA)	★	mg/kg	0.01	ND
蒾 (CHR)	★	mg/kg	0.01	ND
苯并(b)荧蒽 (BbF)	★	mg/kg	0.01	ND
苯并(k)荧蒽 (BkF)	★	mg/kg	0.01	ND
苯并(a)芘 (BaP)	★	mg/kg	0.01	ND
茚并(1,2,3-c,d)芘 (IPY)	★	mg/kg	0.01	ND
二苯并(a,h)蒽(DBA)	★	mg/kg	0.01	ND
苯并(g,h,i)芘(二萘嵌苯) (BPE)	★	mg/kg	0.01	ND
苯并(j)荧蒽 (BjF)	★	mg/kg	0.01	ND
苯并(e)芘 (BeP)	★	mg/kg	0.01	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 13th Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第7页,共11页

结论

符合

样品 001

模拟液: 异辛烷
迁移测试条件: 60 °C 4.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第一次
面积/体积	-	dm ² /kg	-	3.9
萘 (NAP)	★	mg/kg	0.01	ND
萘烯(ANY)	★	mg/kg	0.01	ND
萘(萘嵌戊烷) (ANA)	★	mg/kg	0.01	ND
芴 (FLU)	★	mg/kg	0.01	ND
菲 (PHE)	★	mg/kg	0.01	ND
蒽 (ANT)	★	mg/kg	0.01	ND
荧蒽 (FLT)	★	mg/kg	0.01	ND
芘 (PYR)	★	mg/kg	0.01	ND
苯并(a)蒽 (BaA)	★	mg/kg	0.01	ND
蒾 (CHR)	★	mg/kg	0.01	ND
苯并(b)荧蒽 (BbF)	★	mg/kg	0.01	ND
苯并(k)荧蒽 (BkF)	★	mg/kg	0.01	ND
苯并(a)芘 (BaP)	★	mg/kg	0.01	ND
茚并(1,2,3-c,d)芘 (IPY)	★	mg/kg	0.01	ND
二苯并(a,h)蒽(DBA)	★	mg/kg	0.01	ND
苯并(g,h,i)芘(二萘嵌苯) (BPE)	★	mg/kg	0.01	ND
苯并(j)荧蒽 (BjF)	★	mg/kg	0.01	ND
苯并(e)芘 (BeP)	★	mg/kg	0.01	ND
结论				符合

备注:

- (1) ★=不得检出。
- (2) 测试条件和模拟液由客户指定。

德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011及其修正指令 (EU) 2020/1245和BfR建议-初级芳香胺特定迁移量 (总量)

测试方法: 参考EN13130-1: 2004, 采用UV-Vis进行分析。

样品 001

模拟液: 3% 乙酸水溶液 (W/V)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 13th Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第8页,共11页

迁移测试条件: 100 °C 2.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第一次
面积/体积	-	dm ² /kg	-	3.9
初级芳香胺特定迁移量	0.01	mg/kg	0.002	ND
结论				符合

备注:

(1) 测试条件和模拟液由客户指定。

德国食品与日用品法案(LFGB)(2005年9月1日)第30和31章节及其修正法案, 欧盟委员会法规 (EU) No 10/2011(2011年1月14日) 及其修正法案和BfR建议-可迁移三价铬和六价铬

测试方法: 参考EN13130-1:2004, 采用ICP-OES/ICP-MS 进行分析。

样品 001

模拟液: 3%乙酸水溶液(W/V)

迁移测试条件: 100 °C 2.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第一次
面积/体积	-	dm ² /kg	-	3.9
可迁移六价铬	★	mg/dm ²	0.004	ND
可迁移三价铬	0.02	mg/dm ²	0.004	ND
结论				符合

备注:

(1) ★=不得检出。

(2) 测试条件和模拟液由客户指定。

德国食品与日用品法案 (LFGB) (2005年9月1日)第30和31章节及其修正法案, (EU) No 10/2011及其修正指令 (EU) 2020/1245和BfR建议-重金属特定迁移量

测试方法: 参考EN13130-1: 2004, 采用ICP-OES和ICP-MS进行分析。

样品 001

模拟液: 3% 乙酸水溶液(W/V)

迁移测试条件: 100 °C 2.0 hr(s)

测试项目	限值	单位	MDL	测试结果
------	----	----	-----	------



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233 tE&E (86-21) 61402553 fE&E (86-21)64953679 www.sgsgroup.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 tHL (86-21) 61402594 fHL (86-21)61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第9页,共11页

萃取次数	-	-	-	第一次
面积/体积	-	dm ² /kg	-	3.9
砷(As)	ND	mg/kg	0.01	ND
镉(Cd)	ND	mg/kg	0.002	ND
铬(Cr)	ND	mg/kg	0.01	ND
汞(Hg)	ND	mg/kg	0.01	ND
铅(Pb)	ND	mg/kg	0.01	ND
结论				符合
铝(Al)	-	mg/kg	0.1	ND
钡(Ba)	-	mg/kg	0.25	ND
钴(Co)	-	mg/kg	0.01	ND
铜(Cu)	-	mg/kg	0.25	ND
铁(Fe)	-	mg/kg	0.25	ND
锂(Li)	-	mg/kg	0.1	ND
锰(Mn)	-	mg/kg	0.1	ND
锌(Zn)	-	mg/kg	0.5	ND
镍(Ni)	-	mg/kg	0.02	ND
铈(Sb)	-	mg/kg	0.01	ND
铕(Eu)	-	mg/kg	0.01	ND
钆(Gd)	-	mg/kg	0.01	ND
镧(La)	-	mg/kg	0.01	ND
铽(Tb)	-	mg/kg	0.01	ND
铕(Eu)+ 钆(Gd)+ 镧(La)+ 铽(Tb)	-	mg/kg	-	ND

样品 001

模拟液: 3%乙酸水溶液(W/V)
 迁移测试条件: 100 °C 2.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第二次
面积/体积	-	dm ² /kg	-	3.9
铝(Al)	-	mg/kg	0.1	ND
钡(Ba)	-	mg/kg	0.25	ND
钴(Co)	-	mg/kg	0.01	ND
铜(Cu)	-	mg/kg	0.25	ND
铁(Fe)	-	mg/kg	0.25	ND
锂(Li)	-	mg/kg	0.1	ND
锰(Mn)	-	mg/kg	0.1	ND
锌(Zn)	-	mg/kg	0.5	ND
镍(Ni)	-	mg/kg	0.02	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

测试报告

No. SHAEC2024947002

日期: 2020年12月24日 第10页,共11页

铈(Sb)	-	mg/kg	0.01	ND
铕(Eu)	-	mg/kg	0.01	ND
钆(Gd)	-	mg/kg	0.01	ND
镧(La)	-	mg/kg	0.01	ND
铽(Tb)	-	mg/kg	0.01	ND
铕(Eu)+ 钆(Gd)+ 镧(La)+ 铽(Tb)	-	mg/kg	-	ND

样品 001

模拟液: 3%乙酸水溶液(W/V)

迁移测试条件: 100 °C 2.0 hr(s)

测试项目	限值	单位	MDL	测试结果
萃取次数	-	-	-	第三次
面积/体积	-	dm ² /kg	-	3.9
铝(Al)	1	mg/kg	0.1	ND
钡(Ba)	1	mg/kg	0.25	ND
钴(Co)	0.05	mg/kg	0.01	ND
铜(Cu)	5	mg/kg	0.25	ND
铁(Fe)	48	mg/kg	0.25	ND
锂(Li)	0.6	mg/kg	0.1	ND
锰(Mn)	0.6	mg/kg	0.1	ND
锌(Zn)	5	mg/kg	0.5	ND
镍(Ni)	0.02	mg/kg	0.02	ND
铈(Sb)	0.04	mg/kg	0.01	ND
铕(Eu)	-	mg/kg	0.01	ND
钆(Gd)	-	mg/kg	0.01	ND
镧(La)	-	mg/kg	0.01	ND
铽(Tb)	-	mg/kg	0.01	ND
铕(Eu)+ 钆(Gd)+ 镧(La)+ 铽(Tb)	0.05	mg/kg	-	ND
稳定性	-	-	-	YES
结论				符合

备注:

(1) 测试条件和模拟液由客户指定。

除非另有说明, 此报告结果仅对测试的样品负责。本报告未经本公司书面许可, 不可部分复制。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, 仅供内部参考。



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

样品照片:



此照片仅限于随SGS正本报告使用

*** 报告完 ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC (Shanghai) Technical Services Co., Ltd.
Testing Center - Client's Property

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com