

测试报告

No. NGBEC1900836104

日期: 2019年03月19日 第1页,共5页

宁波市大石头五金机电商贸有限公司
浙江省宁波市余姚市天德商都D58号

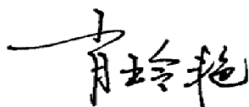
以下测试之样品是由申请者所提供及确认: 304 不锈钢紧固件

SGS工作编号: NP19-000724 - NB
样品接收日期: 2019年03月11日
测试周期: 2019年03月11日 - 2019年03月19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
欧盟委员会指令1935/2004 (2004年10月27日) - 感官(气味和味道)测试 (样品002)	符合
欧洲委员会决议CM/Res(2013)9 - 重金属特定迁移量 (样品002)	符合

通标标准技术服务有限公司宁波分公司
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Iris Xiao 肖玲艳
批准签署人



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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	NGB19-008361.002	银色金属螺丝	不锈钢

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)

欧盟委员会指令1935/2004 (2004年10月27日) - 感官(气味和味道)测试 (样品002)

测试方法: 参考DIN 10955: 2004,
测试媒介: 蒸馏水
测试人员数: 6

测试项目	限值	002
测试时间 (hr)	-	24
温度(°C)	-	70
感官(气味) 测试 (分数制)	2.5	0
感官(味道)测试 (分数制)	2.5	0

备注:

分数评价:

- 0: 与原始气味和味道无差别
- 1: 与原始气味和味道极小差别
- 2: 与原始气味和味道微弱的可察觉的差别
- 3: 与原始气味和味道明显可察觉的差别
- 4: 与原始气味和味道极大的差别

欧洲委员会决议CM/Res(2013)9 - 重金属特定迁移量 (样品002)

测试方法: 参考 EN 13130-1:2004方法测试, 采用ICP-MS进行分析。

样品 002:

模拟液: 0.5% (W/V)柠檬酸水溶液
迁移测试条件: 70 °C 24.0 hr(s)



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迁移测试条件: 70 °C 24.0 hr(s)

测试项目	限值	单位	MDL	<i>1st + 2nd</i> 迁移结果
铝 (Al)	35	mg/kg	0.2	ND
锑 (Sb)	0.28	mg/kg	0.02	0.15
铬 (Cr)	1.75	mg/kg	0.1	0.949
钴 (Co)	0.14	mg/kg	0.01	0.01
铜 (Cu)	28	mg/kg	0.1	0.6
铁 (Fe)	280	mg/kg	0.25	10.95
锰 (Mn)	12.6	mg/kg	0.25	1.25
钼 (Mo)	0.84	mg/kg	0.02	0.04
镍 (Ni)	0.98	mg/kg	0.05	0.21
银 (Ag)	0.56	mg/kg	0.03	ND
锡 (Sn)	700	mg/kg	5	ND
钒 (V)	0.07	mg/kg	0.005	0.012
锌 (Zn)	35	mg/kg	1	1
砷 (As)	0.014	mg/kg	0.001	ND
钡 (Ba)	8.4	mg/kg	0.25	0.74
铍 (Be)	0.07	mg/kg	0.005	ND
镉 (Cd)	0.035	mg/kg	0.002	ND
铅 (Pb)	0.07	mg/kg	0.005	ND
锂 (Li)	0.336	mg/kg	0.02	ND
汞 (Hg)	0.021	mg/kg	0.002	ND
铊 (Tl)	0.0007	mg/kg	0.0001	ND

测试项目	限值	单位	MDL	<i>3rd</i> 迁移结果
铝 (Al)	5	mg/kg	0.2	ND
锑 (Sb)	0.04	mg/kg	0.02	0.03
铬 (Cr)	0.25	mg/kg	0.1	0.151
钴 (Co)	0.02	mg/kg	0.01	ND
铜 (Cu)	4	mg/kg	0.1	ND
铁 (Fe)	40	mg/kg	0.25	1.31
锰 (Mn)	1.8	mg/kg	0.25	ND
钼 (Mo)	0.12	mg/kg	0.02	ND
镍 (Ni)	0.14	mg/kg	0.05	ND
银 (Ag)	0.08	mg/kg	0.03	ND
锡 (Sn)	100	mg/kg	5	ND
钒 (V)	0.01	mg/kg	0.005	ND
锌 (Zn)	5	mg/kg	1	ND
砷 (As)	0.002	mg/kg	0.001	ND
钡 (Ba)	1.2	mg/kg	0.25	ND
铍 (Be)	0.01	mg/kg	0.005	ND
镉 (Cd)	0.005	mg/kg	0.002	ND



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测试项目	限值	单位	MDL	3rd 迁移结果
铅(Pb)	0.01	mg/kg	0.005	ND
锂(Li)	0.048	mg/kg	0.02	ND
汞(Hg)	0.003	mg/kg	0.002	ND
铊(Tl)	0.0001	mg/kg	0.0001	ND

备注:

- (1) 测试条件和模拟液由客户指定。
- (2) 依据欧洲理事会 CM/Res(2013)9要求, 对于重复性使用样品的限量要求是第三次迁移的结果应符合该法规的特殊迁移限量(SRL)且第一次与第二次迁移结果之和不应超过7倍的法规特殊迁移限量(SRL)
- (3) 表面积与使用体积之比是6.0 dm²/kg.

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。



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*** 报告完 ***

