

检测报告 TEST REPORT

报告编号 (No.) : UTS25080328M02 报告日期 (Report Date) : 2025/08/29

委托单位/Client : 河南汀浠新材料有限公司
Henan Tingxi New Materials Co., Ltd
地址/Address : 洛阳市洛龙区孝文大道与开元大道交叉口
Intersection of Xiaowen Avenue and Kaiyuan Avenue, Luolong
District, Luoyang City

以下样品信息由申请人提供及确认:

The sample(s) information below is/are provided and confirmed by client:

样品名称/Sample Name : 新型增塑剂/New plasticizer
接样日期/Receiving Date : 2025/08/25
检测项目/Test Item : PAHs 15
结论/Conclusion : 申请人所提供样品的测试结果符合 AfPS GS 2019:01 PAK 中对“第三类 其它消费品类”的多环芳香烃的要求。 / Based on the analysis of the submitted sample, the results meet the requirements of polycyclic aromatic hydrocarbons in "Category 3 other consumer products" in AfPS GS 2019:01 PAK.

签发
Approved by 樊建红 授权签字人

审核
Reviewed by 马林

编制
Prepared by 黄佳蔚

黄佳蔚

Page 1 of 5

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江苏省优联检测技术服务有限公司

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1、测试标准/Test Standard(s)

Afps GS 2019:01 PAK

2、测试日期/Test Date(s)

2025/08/26-2025/08/27

3、测试设备/Test Equipment(s)

设备名称 Test Equipment	设备编号 Equipment Number	校准有效期 Calibration Period of Validity
气相色谱质谱联用仪 GC-MS	M-1-582	2025/12/14

4、测试结果/Test Result(s)

检测项目 Test Items	单位 Unit	方法检测限 MDL	检测结果 Results
苯并[a]芘/ Benzo[a]pyrene(BaP)	mg/kg	0.2	N.D.
苯并[e]芘/Benzo[e]pyrene(BeP)	mg/kg	0.2	N.D.
苯并[a]蒽/ Benzo[a]anthracene(BaA)	mg/kg	0.2	N.D.
苯并[b]荧蒽/ Benzo[b]fluoranthene(BbF)	mg/kg	0.2	N.D.
苯并[j]荧蒽/Benzo[j]fluoranthene(BjF)	mg/kg	0.2	N.D.
苯并[k]荧蒽/ Benzo[k]fluoranthene(BkF)	mg/kg	0.2	N.D.
蒽/Chrysene(CHR)	mg/kg	0.2	N.D.
二苯并[a,h]蒽/ Dibenzo[a,h]anthracene(DBA)	mg/kg	0.2	N.D.
苯并[g,h,i]苝/ Benzo[g,h,i]perylene(BPE)	mg/kg	0.2	N.D.
茚并[1,2,3-cd]芘/ Indeno[1,2,3-cd]pyrene(IPY)	mg/kg	0.2	N.D.
菲/ Phenanthrene(PHE)	mg/kg	0.2	N.D.
苝/ Pyrene(PYR)	mg/kg	0.2	N.D.
蒽/ Anthracene(ANT)	mg/kg	0.2	N.D.
荧蒽/ Fluoranthene(FLT)	mg/kg	0.2	N.D.
合计/Total (PHE+PYR+ANT+FLT)	mg/kg	---	N.D.
萘/ Naphthalene(NAP)	mg/kg	0.2	N.D.
15 项 PAHs 合计/ Sum of 15 PAHs	mg/kg	---	N.D.

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多环芳香烃在产品中的最大值为/ Limits for PAH in Products:

分类/Category	第一类/ Category 1	第二类/ Category 2		第三类/ Category 3	
	打算放入口中的材料、 2009/48/EC 范围内的玩具、 可预见与皮肤长时间接触 (超过 30 秒) 的 3 岁以下儿 童使用的产品 Materials intended to be placed in the mouth, toys within the scope of 2009/48/EC, products intended for use by children under 3 years of age with foreseeable prolonged skin contact (more than 30 seconds)	不被包含在类别 1 中, 与皮 肤接触时间预期会超过 30 秒 (长期接触皮肤) 或者反复 短时间与皮肤接触的材料* Materials not covered by category 1, with foreseeable skin contact for longer than 30s(long-term skin contact)or repeat short term skin contact*		不被类别 1 和 2 包含, 与 皮肤接触时间预期会少 于 30 秒的材料 (短期接 触皮肤) Materials not covered by category 1 or 2 with foreseeable skin contact up to 30s(short term skin contact)	
		儿童产品 Children's products	其他消费品 Other consumer goods	儿童产品 Children's products	其他消费品 Other consumer goods
苯并[a]芘/ Benzo[a]pyrene(BaP)	<0.2	<0.2	<0.5	<0.5	<1
苯并[e]芘 /Benzo[e]pyrene(BeP)	<0.2	<0.2	<0.5	<0.5	<1
苯并[a]蒽/ Benzo[a]anthracene (BaA)	<0.2	<0.2	<0.5	<0.5	<1
苯并[b]荧蒽/ Benzo[b]fluoranthene (BbF)	<0.2	<0.2	<0.5	<0.5	<1
苯并[j]荧蒽 /Benzo[j]fluoranthene (BjF)	<0.2	<0.2	<0.5	<0.5	<1
苯并[k]荧蒽/ Benzo[k]fluoranthene (BkF)	<0.2	<0.2	<0.5	<0.5	<1
屈/Chrysene(CHR)	<0.2	<0.2	<0.5	<0.5	<1
二苯并[a,h]蒽/ Dibenzo[a,h]anthracene (DBA)	<0.2	<0.2	<0.5	<0.5	<1

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苯并[g,h,i]茈/ Benzo[g,h,i]perylene (BPE)	<0.2	<0.2	<0.5	<0.5	<1
茈并[1,2,3-cd]茈/ Indeno[1,2,3-cd]pyrene (IPY)	<0.2	<0.2	<0.5	<0.5	<1
菲(Phenanthrene) 茈(Pyrene) 蒽(Anthracene) 荧蒽(Fluoranthene)	总量<1 sum<1	总量<5 sum<5	总量<10 sum<10	总量<20 sum<20	总量<50 sum<50
萘 (Naphthalene)	<1	<2		<10	
15 种 PAH 物质总量 Sum 15PAHS(mg/kg)	<1	<5	<10	<20	<50

备注 1) “---” = 未明确规定/Not Regulated.

/Note: 2) N.D. = 未检出, 小于方法检测限/Not detected, less than MDL.

3) 参考 AfPS GS 2019:01 PAK 方法测试, 采用气相色谱-质谱联用仪进行测定。
With reference to AfPS GS 2019:01 PAK, Analysis was performed by GC-MS.

检测部位描述/TEST PART DESCRIPTION: 非金属/Non-metal

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检测流程图/FLOW CHART



5、样品照片/Sample photo(s)



.....报告结束/End of Report.....

本报告中结果仅作为科研、教学或内部质量控制之用。

Test results in this report are only used for scientific research, teaching and internal quality control.