



检测报告

报告编号: **ASH21-011075-01**

发布日期: 2021 年 04 月 15 日

客户名称: 上海先科化工有限公司
 客户地址: 上海市奉贤区楚工路 363 号
 样品名称: 纳米级水性窄分子量分布丙烯酸共聚酯 (食品包装涂层)
 样品批号: /
 生产日期: /
 生产商: /

以上样品及信息由客户提供及确认, **SGS** 不承担证实客户提供信息的准确性、适当性和(或)完整性责任。

SGS 相关号: SHHL2102007339SD
 样品接收日期: 2021 年 03 月 01 日
 检测周期: 2021 年 03 月 01 日 - 2021 年 04 月 15 日
 检测要求: 根据客户要求进行检测
 检测方法: 请参见下一页
 检测结果: 请参见下一页

本报告以中文为准。
 除非另有说明, 本检测结果仅与被检测物品有关。仅供客户内部使用, 不对社会具有证明作用。未经检验机构书面同意, 委托人不得擅自使用检测结果进行不当宣传。



扫码查看在线报告



ASH21-011075-01

通标标准技术服务(上海)有限公司
 第 1 页 共 5 页



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 Agency of Shanghai Free Laboratory

3rd Building, No.889, Yishan Road, Shanghai, China 200233 t 400 - 691 - 0488 f (86-21) 6140 2547 www.sgsgroup.com.cn
 中国 · 上海 · 宜山路889号3号楼 邮编:200233 t 400 - 691 - 0488 f (86-21) 6140 2547 e sgs.china@sgs.com

检测报告

报告编号: **ASH21-011075-01**

发布日期: 2021 年 04 月 15 日

检测样品描述:

样品编号	SGS 样品 ID	描述
1	ASH21-011075.001	瓶装样品

*检测方法:

项目: 急性经口毒性试验

依据: GB 15193.3-2014 食品安全国家标准 急性经口毒性试验

结论: 在本试验条件下, 受试样品对 ICR 小鼠的急性经口 LD₅₀ > 5000mg/kg。根据急性毒性分级, 该样品属实际无毒级。

急性经口毒性试验

1. 材料和方法

1.1. 受试样品处理

称取 10.0921g 样品置于烧杯中取少量纯水将样品混匀后转入 20mL 容量瓶内, 以少量纯水多次冲洗烧杯一并转入容量瓶中, 加入纯水定容至刻度线, 充分摇匀后转入样品管标识备用, 样品现配现用。

灌胃体积: 2.0mL/100g·BW

1.2. 溶剂: Millipore 纯水;

1.3. 实验动物和饲养环境

1.3.1. 实验动物信息

种属: 小鼠;

品系: ICR;

级别: SPF 级;

通标标准技术服务(上海)有限公司
第 2 页 共 5 页



检测报告

报告编号: **ASH21-011075-01**

发布日期: 2021年04月15日

动物数量: 20只;

动物性别: 雌雄各半, 雌性动物未孕和未曾产仔;

体重: 18g~22g, 同性别体重不超过均值的 $\pm 20\%$;

来源: 杭州医学院实验动物中心;

实验动物生产许可证号: SCXK(浙)2019-0002;

质量合格证号: 20210303Abbb0100018296。

1.3.2. 饲养环境信息

设施: 屏障环境;

温度: 23.4°C ~ 25.0°C;

相对湿度: 43.9% ~ 62.9%;

实验动物环境使用许可证号: SYXK(浙)2018-0003。

1.3.3. 饲料信息

饲料名称: Co60 辐照鼠料;

饲料来源: 江苏省协同医药生物工程有限责任公司;

饲料生产许可证号: 苏饲证(2019)01008;

生产日期: 2021.01.05;

保质期: 6个月;

质量合格证号: No.120210105024。

通标标准技术服务(上海)有限公司
第 3 页 共 5 页



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center Agency (Zhejiang) Laboratory

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, Shanghai, China 200233 t 400-691-0488 f (86-21) 6140 2547 www.sgsgroup.com.cn
中国·上海·宜山路889号3号楼 邮编:200233 t 400-691-0488 f (86-21) 6140 2547 e sgs.china@sgs.com

1.3.4. 动物饮用水信息

一级 RO 超滤水 (加入次氯酸钠, 将水中游离氯含量控制在 2-3ppm 除菌)。经饮水嘴直接供动物自由饮用。

1.4. 试验方法

试验前动物在实验动物房环境中适应 6 天, 染毒前动物禁食 4 小时。试验开始后, 采用最大限量法, 灌胃剂量为 10092.1mg/kg。染毒后继续禁食 1 小时, 每天观察中毒症状或行为变化, 每周称重一次。观察并记录染毒过程和观察期内动物的中毒和死亡情况, 观察周期 14 天, 观察期结束后, 处死存活动物并进行大体解剖。

2. 试验结果

实验动物在染毒 14 天内未见任何中毒症状和中毒死亡; 雌雄动物的体重未见异常。实验观察结束, 对受试动物进行大体解剖检查也未见异常变化。LD₅₀ > 10092.1mg/kg。见表 1。

3. 试验结论

在本试验条件下, 该样品对 ICR 小鼠的急性经口 LD₅₀ > 5000mg/kg。根据急性毒性分级, 该样品属实际无毒级。

表 1 急性经口毒性试验结果

性别	动物数 (只)	体重 ($\bar{X} \pm SD$) (g)				死亡数 (只)	死亡率 (%)
		0 天	7 天	14 天	14 天增重		
雄性	10	21.1±0.83	29.2±1.26	33.9±1.42	12.8±1.76	0	0
雌性	10	21.0±0.72	26.6±0.82	28.5±1.57	7.5±1.75	0	0

备注: *检测项目由宁波海关技术中心完成。

通标标准技术服务(上海)有限公司
第 4 页 共 5 页



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center Agency (Zhejiang) Laboratory

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, Shanghai, China 200233 t 400 - 691 - 0488 f (86-21) 6140 2547 www.sgsgroup.com.cn
中国·上海·宜山路889号3号楼 邮编:200233 t 400 - 691 - 0488 f (86-21) 6140 2547 e sgs.china@sgs.com

样品照片:



ASH21-011075.001

该照片只针对 SGS 原始报告

*** 结束 ***

通标标准技术服务(上海)有限公司
第 5 页 共 5 页



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center Agency of Shanghai Free Laboratory

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, Shanghai, China 200233

t 400 - 691 - 0488

f (86-21) 6140 2547

www.sgsgroup.com.cn

中国 · 上海 · 宜山路889号3号楼

邮编:200233

t 400 - 691 - 0488

f (86-21) 6140 2547

e sgs.china@sgs.com