



检测报告

Test Report

报告编号 A2250695050101002E
Report No. A2250695050101002E

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报告抬头公司名称 深圳市容大感光科技股份有限公司
Company Name SHENZHEN RONGDA PHOTSENSITIVE SCIENCE & TECHNOLOGY CO.,
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DISTRICT,SHENZHEN CITY

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称 热固文字油墨
Sample Name Thermal curing symbol ink
样品型号 适用于 TM-3100 系列、H-7100 系列、THW 系列、TX 系列、TS-3000 系列油墨
Model No. 适用于 TM-3100 系列、H-7100 系列、THW 系列、TX 系列、TS-3000 系列油墨
样品接收日期 2025.09.18
Sample Received Date Sep. 18, 2025
样品检测日期 2025.09.18-2025.09.25
Testing Period Sep. 18, 2025 to Sep. 25, 2025

测试内容 Test Conducted:

根据客户的申请要求, 具体要求详见下一页。

As requested by the applicant. For details refer to next page(s).

批准

Approved by

王文军

日期

Date

2025.09.25

王文军

授权签字人 Lab Authorized
Signatory

No. R200822854

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测试摘要 Executive Summary:

测试要求

TEST REQUEST

GB 38507-2020 油墨中可挥发性有机化合物(VOCs)含量的限值

Limits of volatile organic compounds (VOCs) in printing ink

- 附录 A 禁用溶剂清单
Annex A List of prohibited solvents
- 卤代烃
Halogenated hydrocarbon

测试结果

CONCLUSION

见结果页

See test result(s)

见结果页

See test result(s)

*****详细结果，请见下页*****

***** For further details, please refer to the following page(s) *****

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GB 38507-2020 油墨中可挥发性有机化合物(VOCs)含量的限值 Limits of volatile organic compounds (VOCs) in printing ink

▼ 附录 A 禁用溶剂清单 Annex A List of prohibited solvents

测试方法：内部方法；测试仪器：GC-MS
Test Method: In-house method; Test Equipment: GC-MS

测试项目 Test Item(s)	结果 Result	方法检出限 MDL	单位 Unit
	002		
乙苯 Ethylbenzene CAS#:100-41-4	N.D.	50	mg/kg
环氧丙烷 Methyloxirane (Propylene oxide) (MO) CAS#:75-56-9	N.D.	50	mg/kg
苯乙烯 Styrene CAS#:100-42-5	N.D.	50	mg/kg
苯 Benzene CAS#:71-43-2	N.D.	50	mg/kg
亚硝酸异丙酯 Isopropyl nitrite CAS#:541-42-4	N.D.	50	mg/kg
亚硝酸丁酯 Butyl nitrite CAS#:544-16-1	N.D.	50	mg/kg
乙二醇单乙醚 2-Ethoxyethanol CAS#:110-80-5	N.D.	50	mg/kg
乙二醇乙醚乙酸酯 2-Ethoxyethyl acetate CAS#:111-15-9	N.D.	50	mg/kg
乙二醇单甲醚 2-Methoxyethanol CAS#:109-86-4	N.D.	50	mg/kg
乙二醇甲醚乙酸酯 2-Methoxyethyl acetate CAS#:110-49-6	N.D.	50	mg/kg
2-硝基丙烷 2-Nitropropane CAS#:79-46-9	N.D.	50	mg/kg
N-甲基吡咯烷酮 N-Methyl pyrrolidone (NMP) CAS#:872-50-4	N.D.	50	mg/kg
三甘醇二甲醚 1,2-bis(2-methoxyethoxy) ethane CAS#:112-49-2	N.D.	50	mg/kg
乙二醇二甲醚 Ethylene glycol dimethyl ether CAS#:110-71-4	N.D.	50	mg/kg
乙二醇二乙醚 Ethylene glycol diethyl ether CAS#:629-14-1	N.D.	50	mg/kg
甲苯 Toluene CAS#:108-88-3	N.D.	50	mg/kg
二甲苯 Xylene CAS#:1330-20-7	N.D.	50	mg/kg

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▼ 卤代烃 Halogenated hydrocarbon

测试方法：内部方法；测试仪器：GC-MS
Test Method: In-house method; Test Equipment: GC-MS

测试项目 Test Item(s)	结果 Result	方法检出限 MDL	单位 Unit
	002		
二氯甲烷 Dichloromethane	N.D.	50	mg/kg
三氯甲烷 Trichloromethane	N.D.	50	mg/kg
三氯乙烯 Trichloroethylene	N.D.	50	mg/kg
四氯化碳 Carbon tetrachloride (CCl ₄)	N.D.	50	mg/kg
四氯乙烯 Tetrachloroethylene	N.D.	50	mg/kg
1,2-二氯乙烷 1,2-Dichloroethane (DCE)	N.D.	50	mg/kg
1,1-二氯乙烷 1,1-Dichloroethane	N.D.	50	mg/kg
1,2-二氯丙烷 1,2-Dichloropropane	N.D.	50	mg/kg
1,1,1-三氯乙烷 1,1,1-Trichloroethane	N.D.	50	mg/kg
1,1,2-三氯乙烷 1,1,2-Trichloroethane	N.D.	50	mg/kg
1,2,3-三氯丙烷 1,2,3-trichloropropane (123TCL)	N.D.	50	mg/kg
卤代烃 Halogenated hydrocarbon	N.D.	--	mg/kg

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备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 (小于方法检出限) Not Detected (<MDL)
- mg/kg = ppm = 百万分之一 parts per million

样品/部位描述 Sample/Part Description

序号	CTI 样品 ID	描述
No.	CTI Sample ID	Description
1	002	灰色液体 Grey liquid

注释 Note:

- 本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。
The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

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样品图片

Photo(s) of the sample(s)



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*** 报告结束 ***
*** End of Report ***