



校准证书

CALIBRATION CERTIFICATE

证书编号 HCY202690001
Certificate No.

第 1 页, 共 3 页
Page of

客户名称 841. 光配方研究院有限公司
Name of the Customer Lighting Recipe Studio Limited

联络信息 台湾省桃园市桃园区中正路1221号16楼
Contact Information 16F., No.1221, Zhongzheng Rd., Taoyuan Dist., Taoyuan City 330010, Taiwan

计量器具名称 光寰净全屋健康系统(甲醛部分)
Description

型号/规格 In. licht well
Model/Type

制造厂
Manufacturer

出厂编号 LRS-2508-1
Serial No.

设备管理编号
Equipment No.

接收日期 2025 年 12 月 26 日
The date of receipt Y M D

校准日期 2026 年 01 月 19 日
The date of calibration Y M D

发布日期 2026 年 01 月 19 日
The date of issue Y M D

批准 Authorized by 许俊斌 许俊斌

核验 Reviewed by 张猛 张猛

校准 Calibrated by 许武光 许武光

证书专用章
Stamp



扫一扫查真伪



说 明

证书编号 HCY202690001
Certificate No.

DIRECTIONS

第 2 页, 共 3 页
Page of

1. 本中心是国家市场监督管理总局在华南地区设立的国家法定计量检定机构, 本中心的质量管理体系符合 ISO/IEC 17025:2017 标准的要求。

This laboratory is the National Legal Metrological Verification Institution in southern China set up by the State Administration for Market Regulation. The quality system is in accordance with ISO/IEC 17025:2017.

2. 校准地点:

The location of calibration:

院本部5034

Room 5034, Headquarters

3. 本次校准使用的方法:

The method used:

JJG1022-2016 甲醛气体检测仪检定规程 V.R. of Formaldehyde Gas Analyzers

4. 本证书中的校准结果可溯源至国际单位制 (SI) 单位和/或社会公用计量标准, 本次校准使用以下计量标准器具:

The calibration results are traceable to International System of Units (SI) units and/or measurement standard for public service.

The measurement standards used:

名称 Name	型号规格 Model/Type	编号 Serial No.	证书号/溯源机构 Certificate No./ Traceability to	计量特性 Metrological Characteristic
电子秒表	SW8-3030 / (0~3600) s	1#	[2013]国社量标华 南证字第150号 WSP202501336 /本中心	日差: $U=0.05s/d$, 时间间隔: $U=0.01s (k=2)$ Day Error: $U=0.05s/d$, Time Interval: $U=0.01s (k=2)$
甲醛气体发生装置	ZTD-D-3 / (0~2) $\mu mol/mol$	2017002	HCY202550024 /本中心	$U=3%, k=2$

注: 1. 本证书校准结果只与受校准仪器有关。 The results relate only to the items calibrated.

2. 未经本机构书面批准, 不得部分复制此证书。 This certificate shall not be reproduced except in full, without the written approval of our laboratory.

3. “客户名称”、“联络信息”由客户提供, “制造厂”、“型号规格”、“出厂编号”以及“设备编号”为仪器上标注, 客户对上面内容如有异议, 须在收到证书后二十个工作日内提出。

The information **Name of the Customer** and **Contact Information** are provided by customer, and the **Manufacturer, Model/Type, Serial No. and Equipment No.** are marked on the items. Customer shall submit any objection within 20 working days after receiving the certificate for the information above.



校准结果 RESULTS OF CALIBRATION

证书编号 HCY202690001
Certificate No.

原始记录号 HCY202690001
Record No.

第 3 页, 共 3 页
Page of

一. 外观及通电检查: 符合要求。
Apparent and power inspection: Pass.

二. 示值误差:
Error of Indication

标准气体浓度 Standard gas concentration ($\mu\text{mol/mol}$)	仪器实测浓度 Measured concentration ($\mu\text{mol/mol}$)	示值误差 Error of indication	最大允许误差 Maximum permissible errors	测量结果扩展不确定 度($k=2$) Expanded uncertainty
0.10	0.062	-0.04 $\mu\text{mol/mol}$	$\pm 0.05 \mu\text{mol/mol}$	$U=0.02 \mu\text{mol/mol}$
0.60	0.640	+6.7 %	$\pm 10\%$	$U_{\text{rel}}=4.2 \%$

三. 重复性: 1.0 % [技术要求: $\leq 5 \%$]
Repeatability [Technical characteristics: $\leq 5 \%$]

四. 响应时间: 180 s [技术要求: $\leq 90 \text{ s}$ (吸入式); $\leq 180 \text{ s}$ (扩散式)]
Response Time [Technical characteristics: $\leq 90 \text{ s}$ (Suction); $\leq 180 \text{ s}$ (Dispersive)]

说明:
Note:

- 本证书中给出的扩展不确定度依据JJF1059.1-2012《测量不确定度评定与表示》评定, 由合成标准不确定度乘以包含概率约为95%时对应的包含因子 k 得到。
The expanded uncertainty given in this certificate is evaluated according to JJF 1059.1-2012 *Evaluation and Expression of Uncertainty in Measurement*, which is obtained by multiplying the combined standard uncertainty by the coverage factor k corresponding to the coverage probability of about 95%.
- 所校项目由客户指定。
The calibration items requested by the customer.
- 该仪器的溯源日期为本证书的“校准日期”, 按照所依据技术文件的规定, 建议复校时间间隔不超过1年。更换重要部件、维修或对仪器性能有怀疑时, 应及时校准。
The traceability date of this instrument is the "Calibration Date" on this certificate, According to the demand of reference document, next calibration is proposed within 1 year. In case of replacement of important parts, maintenance or doubt on the performance of the instrument, it shall be calibrated in time.
- 校准活动中对测量结果有影响的条件:
The conditions that affect the measurement results during calibration activities:
温度: 22.0 $^{\circ}\text{C}$; 湿度: 50 %RH。
Temperature: 22.0 $^{\circ}\text{C}$; Humidity: 50 %RH.