

校准证书
CALIBRATION CERTIFICATE

证书编号:

Certificate No.



J202504156428B-0001

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of

委托方

Client

首都医科大学宣武医院GCP药房

联络信息

Contact Inf.

首都医科大学宣武医院GCP药房

仪器名称

Description

医用冷藏箱

型号/规格

Model/Type

HYC-390

制造厂

Manufacturer

Haier

出厂编号

Serial No.

BE06M 30AQ0 0QEK7
L6AEF

管理号

Asset No.

接收日期

Receipt Date

2025年08月15日

Y M D

校准日期

Cal. Date

2025年08月15日

Y M D

发布日期

Issued Date

2025年08月15日

Y M D

批准

Approved by

付佳斯

付佳斯

审核

Inspected by

李亚南

李亚南

校准

Calibrated by

杨开意

杨开意

证书专用章

(Stamp)

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联系电话(Tel.):400-602-0999

邮政编码(Postcode):511450

网站(Website):http:// www.grgtest.com

电子邮件(E-mail):grgtest@grgtest.com



扫一扫验真伪

校验码: 506024

校准说明 DIRECTIONS OF CALIBRATION

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- 1.本实验室的质量管理体系符合ISO/IEC 17025:2017标准的要求,校准结果均可溯源至国际单位制(SI)单位。
(The quality system is in accordance with ISO/IEC 17025:2017,the calibration results are traceable to the International System of Units (SI).)
 - 2.本结果仅对本次校准样品有效。未经实验室批准,不得部分复制。如有疑问请在15个工作日内反馈。
(The result is only valid for the calibrated sample.The certificate shall not be reproduced except in full,without the written approval of our laboratory .please feedback to us within 15 days if you have any question.)
 - 3.本证书编号具有唯一性,后缀若带有“-Gx”的证书为替换证书,自发出后原证书即刻作废,修改后的证书以客户端内容为准。(Each certificate has a unique number. The suffix of "-Gx" will be added to the number as a replacement of the old version. The original certificate will be officially invalid once the new certificate number is issued.The modified certificate shall be based on the client content.)
 - 4.证书中最大允许误差、判定结果仅供参考,其中“P”代表“合格”,“F”代表“不合格”,“N/A”代表“不适用”。使用人员应结合实际测量需求,评估测量不确定度对符合性评定的影响。(MPE & judgement result in the datasheet is only for reference , "P" is "Pass" , "F" is "Fail" and "N/A" is "Not Applicable".Whereas users should evaluate the effects of MU of calibration results on conformance assessment by actual measurement.)
 - 5.校准地点、环境条件(Place and environmental conditions of the calibration):
地点: 客户一层药房
Place
温度: 20.4℃ 相对湿度: 48%
Temperature Relative Humidity
 - 6.建议复校时间间隔: 1年,送校单位也可按实际使用情况自主决定。
Suggested calibration interval is 1 year or it can be altered depending on the actual usage of the user.
 - 7.本次校准的技术依据及CNAS认可范围,超出范围的内容未被认可。详细认可范围请查看CNAS网站证书附件。(Reference document and accredited scope by CNAS for calibration, beyond which isn't accredited. Please see the attachment of certificate on CNAS website for details.)
- JJF1101-2019环境试验设备温度、湿度参数校准规范(C.S. of Environmental Testing Equipment for Temperature and Humidity Parameters) 湿度: (5~98)%RH, (5℃~85℃) 温度: (-80~400)℃

校准说明
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8. 本次校准使用的主要测量标准(Main Standards of Measurement Used in the Calibration.):

名称	编 号	证书号/有效期	溯源机构	技术特征
Description	Serial No.	Certificate No./ Due Date	Traceability Institute	Technique Character
温湿度表 Temperature and humidity meter	068391	J202408292297- 0011 2025-08-29	广电计量检测 (北京)有限公司	温度MPE: $\pm 2.0^{\circ}\text{C}$, 湿度MPE: $\pm (5\sim 7)\% \text{RH}$
温湿度试验设备检定系统 Verification system	19903664	J202501062143- 0041 2026-01-08	广电计量检测 (北京)有限公司	MPE: 温度: $\pm 0.03\% \text{FS}$ (A级铂 电阻), $\pm 0.1\%$ (I级热电偶); 湿 度: $\pm 1.5\% \text{RH} / \pm 0.2^{\circ}\text{C}$

9. 计量溯源性声明(Measurement traceability declaration.):

温湿度表(068391)→自校式铂电阻数字测温仪/Self-tuning platinum resistance digital thermometer(2111212)→二等标准铂电阻温度计/Second-class standard platinum resistance thermometer(211088)→自校式铂电阻数字测温仪;
温湿度试验设备检定系统/Verification system(19903664)→高精度数字测温仪/high-precision digital thermometer(211008)→电阻箱/Resistance box(190707)→数字多用表/Digital multimeter(971756779)→数字多用表校准装置(中国计量科学研究院/NIM);温湿度试验设备检定系统/Verification system(19903664)→二等标准铂电阻温度计/Second-class standard platinum resistance thermometer(211088)→铂电阻温度计工作基准装置(北京长城测量计量研究所);

校准结果
RESULTS OF CALIBRATION

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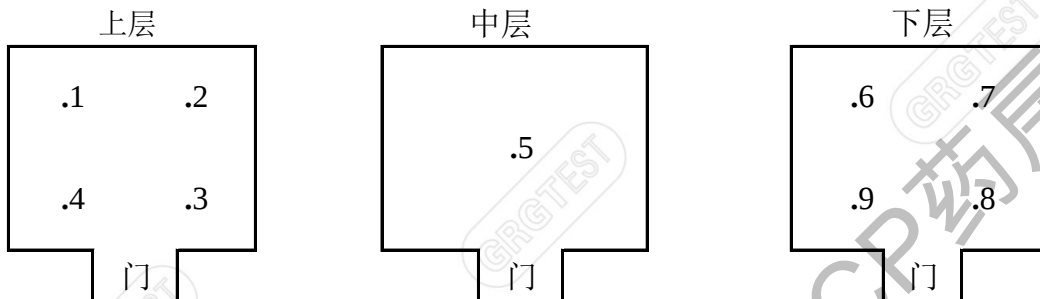
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(一): 温度测量

1 测量点布置图 (Measurement point graph):



2 温度测量 (Temperature measurement):

设定值 (Setting): 5.0 °C

指示值 (Indicated): 5.0 °C

测量点	最大值	最小值	储藏温度要求			结论
Measuring point	Max	Min	Storage temperature requirements			Conclusion
温度(Temp.)	(°C)	(°C)	(°C)			(P/F)
1	3.83	3.67	2.0	~	8.0	P
2	3.89	3.67	2.0	~	8.0	P
3	3.80	3.63	2.0	~	8.0	P
4	3.82	3.66	2.0	~	8.0	P
5	3.95	3.67	2.0	~	8.0	P
6	3.78	3.63	2.0	~	8.0	P
7	3.97	3.71	2.0	~	8.0	P
8	3.65	3.47	2.0	~	8.0	P
9	3.84	3.60	2.0	~	8.0	P

校准结果 RESULTS OF CALIBRATION

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(二): 控制器: 正常

The controller: Normal

备注:

Notes:

- 1 结论(Conclusion): 所校项目符合技术要求
- 2 按用户要求指定温度点校准(Specify temperature point by user);
- 3 各校准点位置与工作室内壁的距离不小于各边长的1/10;
(The distance between the position of calibration and the inner wall isn't less than 1/10 of each side);
- 4 校准时设备处于 负载 状态。(Load of equipment: Load)
- 5 本次测量结果扩展不确定度(Expanded uncertainty of the measurement results) :
温度(Temperature): $U = 0.3^{\circ}\text{C}$, $k=2$;
- 6 依据(Reference document)
JJF 1059.1-2012 测量不确定度评定与表示
(JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

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