

校准证书

CALIBRATION CERTIFICATE

证书编号:
Certificate No.

J201810314177-0004

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Page of委托方
Client

优利德科技(中国)股份有限公司

委托方地址
Address

广东省东莞松山湖高新技术产业开发区工业北一路6号

仪器名称
Description

温湿度表

型号/规格
Model/Type

UT332

制造厂
Manufacturer

UNI-T

出厂编号
Serial No.

H170379913

管理号

PDD/T/332/012

Asset No.

校准日期

2018年11月05日

Date of Calibration

Y M D

样品接收日期

2018年11月02日

Date of Receipt

Y M D

批准人:

Approved Signatory

林谷江(主任)

审核:

Inspected by

莫丽娟

校准:

Calibrated by

李丽霞

证书专用章
(Stamp)

地址: 广东省广州市黄埔大道西平云路163号

Address: No.163.Pingyun Rd, West of HuangPu Ave.Guangzhou.Guangdong.China

计量校准机构备案号(The record number): 粤校备2017A019

联系电话(Tel.): 020-38699960,66830999,400-602-0999

传真(Fax): 020-38698685

网站(Website): <http://www.grgtest.com>

邮政编码(Postcode): 510656

电子邮件(E-mail): grgtest@grgtest.com

扫一扫验真伪

校准说明
DIRECTIONS OF CALIBRATION

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1. 本实验室出具的数据均可溯源至国家计量基准和国际单位制(SI).
(All data issued by GRGTest are traced to National Primary Standards and International System of Units(SI).)
2. 本结果仅对当次被测样品有效, 如有疑问请在15个工作日内反馈。(The result is ONLY valid for the tested sample, please feedback to us within 15 working 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。
(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.)
4. 证书中如有最大允许误差、判定结果, 仅供参考, 其中“P”代表“合格”, “F”代表“不合格”。证书中结论判定是指测得值是否符合规定要求的限定值, 而使用人员还应结合实际测量要求, 评估校准结果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" represents "Pass" and "F" represents "Fail". The judgement is made on the basis of whether the measured value conforms to the limited value specified in the regulation, whereas users should evaluate the effects of measurement uncertainty of calibration results on conformity determination associated with actual measurement.)
5. 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。注: 详细的认可范围请查看CNAS网站中注册编号为L0446的证书附件。(Reference document and accredited scope by CNAS for calibration, beyond which isn't accredited. Please see the attachment of certificate No.L0446 on CNAS website for details.)
JJG(苏)99-2010数字温湿度计检定规程(V.R of Digital Thermo-hygrometers):温度:(-40~100)℃;湿度:(30~90)%RH

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

名称 / 型号 Description / Model	编号 Serial No.	证书编号 Certificate No.	证书有效期 Due Date	技术特征 Technique Character
精密露点仪/DEW MASTER	47589/2A4346X	2018E13-10-1463084001	2019-05-21	露点温度: $\Delta = \pm 0.2^{\circ}\text{C}$
温湿度检定箱/EC10	20150405C	J201808131074-0001	2019-08-09	均匀性: $0.3^{\circ}\text{C}, 1.0\% \text{RH}$; 波动性: $\pm 0.2^{\circ}\text{C}, \pm 0.8\% \text{RH}$

7. 校准地点、环境条件(Place and environmental conditions of the calibration):

地点 Place	广州计量温湿度表校准室	温度 Temperature	22.5 $^{\circ}\text{C}$	相对湿度 Relative Humidity	46 %
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8. 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.



校 准 结 果
RESULTS OF CALIBRATION

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一、外观: 符合要求

Appearance: Pass

二、相对湿度示值校准: (%RH)

Relative Humidity Indicating Value Calibration:

校准点 Calibrating Point	被检器修正值 Correction	不确定度 $U(k=2)$	允许误差 MPE	结论(P/F) Conclusion
40	-3.8	2.0	± 5.0	P
60	-2.5	2.0	± 5.0	P
80	+0.1	2.0	± 7.0	P

三、温度示值校准: ($^{\circ}\text{C}$)

Temperature Indicating Value Calibration:

校准点 Calibrating Point	被检器修正值 Correction	不确定度 $U(k=2)$	允许误差 MPE	结论(P/F) Conclusion
10	-0.1	0.3	± 2.0	P
20	+0.1	0.3	± 2.0	P
30	+0.2	0.3	± 2.0	P

备注:

Notes:

结论(Conclusion): 所校项目符合技术要求

1.相对湿度修正值为温度为 20°C 时测得Relative humidity correction was measured at 20°C 2.本报告中的扩展不确定度是由标准不确定度乘以包含概率约为95%时的包含因子 k 。The expanded uncertainty is given in the report by the standard uncertainty multiplied by the probability of about 95% when the factor k .

3.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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