


校正報告書

校正暨量測實驗室-台中

	Report No. : ETR2141756	第1頁	共2頁
申請者 Applicant	臺中榮民總醫院		
儀器名稱 Equipment	連續溫濕度資料收集器		
製造廠商 Manufacturer	ESCORT	機型 Model	EI-IN-D-32-L
校正程序 Procedure used	GENP-ET-T008(V 1.1)	收件日期 Received Date	2021/10/12
校驗者 Operator	朱志傑	溫度 °C Temperature	(23 ± 5) °C
顧客地址 遊校地址	臺中市407西屯區臺灣大道四段1650號		序號 Serial No.
			1718-0006
			校正日期 Calibration Date
			2021/10/22
			相對濕度 % Relative Humidity
			(50 ± 30) %
			校正地點 Location
			實驗室

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
RTD THERMOMETER	Delta OHM	HD 2107.1/TP472I.0	2021/4/9
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2021/4/12
序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
20000539/20000360	SGS(TAF 0143)	ECR2112348	2022/4/8
MAA1404-005	SGS(TAF 0143)	ECR2113044	2022/4/11

◆ 台灣檢驗科技股份有限公司特此聲明本報告書內記載之標準器，依ILAC P10之規定，可追溯至ILAC MRA 國際實驗室認證聯盟相互承認協議成員之認可實驗室，或各國家計量標準機構(NMI)，或國際度量衡委員會相互認可協定之機構(CIPM MRA)，或驗證參考物質(CRMs)。有TAF認證標誌之報告表示符合全國認證基金會(TAF)認證範圍之校正項目證書；無TAF認證標誌之報告亦符合本實驗室標準校正作業程序及ISO/IEC 17025之規定。

◇ SGS Taiwan Ltd hereby declare that traceability follows ILAC P10(ILAC policy on the traceability of measurement results). All standards are directly traceable to TAF recognized lab (members of the ILAC MRA) or to National Metrology Institutes (NMI) or to other international standards (members of the CIPM MRA) or certified reference materials(CRMs). The report with "TAF" accredited symbol represents the certificate of calibration items conforming to TAF accreditation scope ; Without "TAF" accredited symbol , the report also complies with the lab's standard calibration operating procedures and ISO/IEC 17025 requirements.

◆ 本校正報告僅對上述儀器之校正項目有效且未經調整，本實驗室依ISO/IEC 17025規定不做校正週期及允收水準之判定，特別聲明除外。

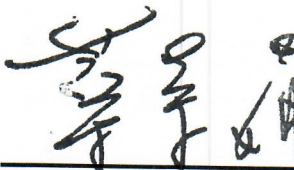
◇ The calibration report is only valid for the instrument mentioned above and without adjustment. Unless otherwise specified, SGS does not determine the calibration interval and acceptance criteria in accordance with ISO/IEC 17025.

◆ 本校正報告部份複製及影本無效。

◇ To reproduce or copy calibration report in partial is not allowed.

◆ 校正程序名稱: 溫濕度計(LOGGER)(實測比對法+遊校)校正作業程序

◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)



報告簽署人

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.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.



溫度部份：

器示值 (°C)	標準值 (°C)	器差值 (°C)
0.1	0.0	0.1
5.1	5.0	0.1
10.1	10.0	0.1

校正說明：

1. 器差值=器示值 - 標準值
 2. 器差% = $[(\text{器示值} - \text{標準值}) \div \text{標準值}] * 100$
 3. 器示值係指送校正件所顯示或設定之值
 4. 標準值係指工作標準件之輸出值或顯示值
 5. 校正能力係以約 95 % 信賴水準, $k = 2$ 之擴充不確定度表示
 6. 擴充不確定度：0.7 °C
 7. 上述擴充不確定度已包含校正件之不確定度評估結果
- THE END --



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.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

校正報告書

校正暨量測實驗室-台中

Report Date : 2021/10/22

	Report No. : ETR2141757	第1頁	共2頁
--	-------------------------	-----	-----

申請者 Applicant	臺中榮民總醫院				
儀器名稱 Equipment	連續溫濕度資料收集器				
製造廠商 Manufacturer	ESCORT	機型 Model	EI-IN-D-32-L	序號 Serial No.	1718-0008
校正程序 Procedure used	GENP-ET-T008(V 1.1)	收件日期 Received Date	2021/10/12	校正日期 Calibration Date	2021/10/22
校驗者 Operator	朱志傑	溫度 °C Temperature	(23 ± 5) °C	相對濕度 % Relative Humidity	(50 ± 30) %
顧客地址 遊校地址	臺中市407西屯區臺灣大道四段1650號			校正地點 Location	實驗室

實驗室使用標準器 / SGS Standards

儀器名稱 Equipment	製造廠商 Manufacturer	機型 Model	標準器校正日期 Calibration Date
RTD THERMOMETER	Delta OHM	HD 2107.1/TP4721.0	2021/4/9
Temp & Humidity Chamber	GIANT FORCE	GTH-225-00-SP-AR	2021/4/12

序號 Serial Number	追溯單位 Traceability	報告號碼 Report No.	標準器有效日期 Due Date
20000539/20000360	SGS(TAF 0143)	ECR2112348	2022/4/8
MAA1404-005	SGS(TAF 0143)	ECR2113044	2022/4/11

- ◆ 台灣檢驗科技股份有限公司特此聲明本報告書內記載之標準器，依ILAC P10之規定，可追溯至ILAC MRA 國際實驗室認證聯盟相互承認協議成員之認可實驗室，或各國家計量標準機構(NMI)，或國際度量衡委員會相互認可協定之機構(CIPM MRA)，或驗證參考物質(CRMs)。
- ◇ 有TAF認證標誌之報告表示符合全國認證基金會(TAF)認證範圍之校正項目證書；無TAF認證標誌之報告亦符合本實驗室標準校正作業程序及ISO/IEC 17025之規定。
- ◆ SGS Taiwan Ltd hereby declare that traceability follows ILAC P10(ILAC policy on the traceability of measurement results).All standards are directly traceable to TAF recognized lab (members of the ILAC MRA) or to National Metrology Institutes (NMI) or to other international standards (members of the CIPM MRA) or certified reference materials(CRMs).
- ◇ The report with "TAF" accredited symbol represents the certificate of calibration items conforming to TAF accreditation scope ; Without "TAF" accredited symbol , the report also complies with the lab's standard calibration operating procedures and ISO/IEC 17025 requirements.
- ◆ 本校正報告僅對上述儀器之校正項目有效且未經調整，本實驗室依ISO/IEC 17025規定不做校正週期及允收水準之判定，特別聲明除外。
- ◇ The calibration report is only valid for the instrument mentioned above and without adjustment. Unless otherwise specified, SGS does not determine the calibration interval and acceptance criteria in accordance with ISO/IEC 17025.
- ◆ 本校正報告部份複製及影本無效。
- ◇ To reproduce or copy calibration report in partial is not allowed.
- ◆ 校正程序名稱： 溫濕度計(LOGGER)(實測比對法+遊校)校正作業程序
- ◇ Procedure used: Calibration SOP for Temperature-hygrometer (Logger) (Comparison method + on-site calibration)

報告簽署人

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.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.



溫度部份：

器示值 (°C)	標準值 (°C)	器差值 (°C)
0.0	0.0	0.0
5.1	5.0	0.1
10.0	10.0	0.0

校正說明：

1. 器差值 = 器示值 - 標準值
 2. 器差% = $[(\text{器示值} - \text{標準值}) \div \text{標準值}] * 100$
 3. 器示值係指送校正件所顯示或設定之值
 4. 標準值係指工作標準件之輸出值或顯示值
 5. 校正能力係以約 95 % 信賴水準, $k = 2$ 之擴充不確定度表示
 6. 擴充不確定度：0.7 °C
 7. 上述擴充不確定度已包含校正件之不確定度評估結果
- THE END --



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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.